

<400> 1676
ggcacgagct taatgagtgt ttcatttgcc agatttgtgc ttacgagttc acatatgata 60
gcacttattc ttcaagggct taaataaaca ttactgtccc gcactttaga aaacataaac 120
ataatttttt atgtttatga ctggctaatt tttctcttat gaaagcaaaa gatacaaaat 180
ccacgggtat gtaggttcgt cacaataatc acagtaggaa actttgctct atcccccgac 240
agggcctggc actcatcaat gggacgcaga tgatcacatc cctgggctgt gaagctgtag 300
agcgagccag tgctattgga gcggaggcta acgttgtggc aggcctgacc cg 352

<210> 1677
<211> 346
<212> DNA
<213> Homo sapiens
<220>
<221> misc_feature
<222> (197)...(288)
<223> similar to gi3882171 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1677
ggcacgagat ttcaagataa attagaaacc aagtaaaatc agtgtatttt tgctaggtac 60
ttaaaggact attttgtatc ttttaaatga tctgttcac ttttaacttg ctcatattta 120
taaccttttc atgatgaatg atattagaat acatgactaa ttatacagaa taattttctt 180
tttaattttca tttataggag aacctttaca aatagatcac ttggtttttg tagtccatgg 240
gattggacca gcttgtgatc tccgctttcg aagcattgta cagtgtggta ggtttgcaaa 300
gcatgtgaga gaatattaat cagtgtctct gtgagctgag ataaac 346

<210> 1678
<211> 349
<212> DNA
<213> Homo sapiens
<220>
<221> misc_feature
<222> (18)...(103)
<223> similar to gi2217933 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1678

```

ggcacgagcg gcacgagcct tctcctactg cattagcatt tggggaccac cctattgtac    60
aaccaaagca attatccttt aaaattattc aggtaaatga taattaaaat gtttttttct    120
atggcttcta agaaaccatt gactaactta ctaacaacta agatgtctgt ttgttttata    180
tgtagtcata aagcagaatt acacatcaag aaagataact tactaaacaa aaacaacaga    240
atgtgtagga aggagtgaga aactgaaaca cacaatttac tatcagcttt ttaaacaacc    300
gttaacatgt cagttctgtt tactgattct ttctgaactt aatttccag    349

```

```

<210> 1679
<211> 35
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(36)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (35)...(0)
<223> similar to gi407423 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1679
tttttttttt ttncctttttt taaaacgggt cttgt    35

```

```

<210> 1680
<211> 324
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (5)...(197)
<223> similar to gi3510603 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1680
ggcacgagga ccttccttgc tttcagaatt tcacccaggg tctgacaggc ctcaagaaag    60
gagaactagt tatgaaccga ttcatccagg cccatcccca gtggatcatg attcactgga    120
atcgaagcga ccacgtctgg aacaggcttc tgattctcat tatcaggggc acatcactgg    180
cgaatcccta ccaggacgtg tacactagca gctcctcact gtggaatctg atgggcaatg    240
ccatggtgat taccactat atccgtctta ccccatatgt tcaaagtaaa ctcggttccc    300

```

tagggaacct gatgccatgt tacc

324

<210> 1681

<211> 342

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(179)

<223> similar to gi4929607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1681

ggcacgagtg	cggacaaagc	tgcaggctca	gcatgtgtcg	taccgggagc	tgggtgcctg	60
tggtcgaact	gcagtggctc	aggggtggctg	gcgtcactg	tggctgagct	ggcgccccac	120
tgcccttcga	tatgcgccct	tctcattctt	gaacctgttc	tctactcagc	tcctgtcgct	180
ccccctcttc	gtccgcaccc	tttcgccttc	tctttttctc	gcctgccttg	cctaccttgc	240
tcctttctcc	cgtctctctt	tcctccatct	taccatccgc	tctcctttct	ctccccctgc	300
agccctctga	ctctccccct	ttttccccct	ccttgctggc	ac		342

<210> 1682

<211> 345

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (10)...(214)

<223> similar to gi2224543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1682

ggcacgagcg	atgactcttc	tagtatggta	gacaatcata	ccaagcagct	tgcatttgaa	60
tctttggctg	tgattggaaa	tgctctaacc	ctcctggaag	tgggtcagat	tgcagtgtgt	120
agttttggag	aatgtctgga	ggtgatatgg	ccaatgcgtg	cgactcgcac	gcatgagcac	180
ggttgatttc	gtttggaacg	ctggagacgc	cggttgagac	ggtgcgagcg	tgtgtccatg	240
gaataattcc	tccgcggggg	atcgccctgg	ggcagttgat	cgcgaggagt	aggtgttggc	300
tggtcagtcg	tctctccccg	gcggtcgggt	agaggacgag	ttaaag		345

<210> 1685
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(352)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (254)...(347)
 <223> similar to gi5738610 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1685
 ctttcatttc cctcttcttc acttcgtgtc ccctcagtc tttacgctca tgtttcgctt 60
 ctcatccat tttcattctt cccatctctg ttttcgtgtc tctctctttt ctcatcctct 120
 tatgctctta gctttctgtg ccctctctta ctatcagtc caactctcac tgtagacta 180
 ggtaccaccc tgtaggtatt ctctgagcac ttgggctcca gctcagcctc tgcncggccc 240
 ctaccctcc agggcaaacg aggagatcgc ccagggtccg agcaaggccc aggcggccgc 300
 gttggccctc caggccagcc tgaggaagga gcagatgcgc atcctcgtgc c 351

<210> 1686
 <211> 351
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (134)...(344)
 <223> similar to gi4836401 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1686
 ggcacgagtg acatttgatt aaatgtaaaa taagaaatcc cttgaaaatt ggtagaaca 60
 gacaataaat atctcattac tgtaggtga ttactgtggg ggtttttttg ctttggtct 120
 tttttttaac agacctcaa ctgggcagc ttctatcctt cctcttcttg gacatggtgt 180
 tccagtttg cccctggca gaaaacctc tgccctccc cctggtccac ctccctccta 240
 agtcgtgcct atgtatggcc gtaaagtggg ttttgcccta aaacttcccc ctccagggt 300
 atatgaagac atgttatata ggcctgaact tgctgagaag cgctgttct t 351

<210> 1687
 <211> 722
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (10)...(648)
 <223> similar to gi34812 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1687
 ggcacgagcc gtgatcatct aaatgctttc ctggagtttt ctaaagaagg ggatgcccac 60
 tcttccctga aatcatctgt tctgagtact ggaaatcagc tccttcgact aaaaaagggtg 120
 gacacagcca cgctgcgctc tgagctgtcg cgcattgata gccagtggac tgacctgcta 180
 accaatatcc cagccgtcca ggagaagctc caccagctcc agatggataa actgccttcc 240
 cgccatgccca tttctgaagt catgagttgg atttctctaa tggaaaatgt tattcagaag 300
 gatgaagata atattaaaaa ttccataggt tacaaggcaa ttcatgaata ccttcagaaa 360
 tataaggggt ttaagataga cattaactgt aaacagctga cagtggattt tgtgaaccag 420
 tccgtgctac aaatcagcag tcaggatgtg gaaagtaagc gtagtgataa gactgatttt 480
 gctgagcaac ttggagcaat gaataaaaagt tggcaaattc tgcaaggctc agtaactgag 540
 aagatccagc tgttggaagg cttattggaa tcttggtcag aatatgaaaa taatgtacaa 600
 tgtctgaaaa catggtttga aaccacaggaa aagagactaa aacaacagca tcgaattgga 660
 gatcaggctt ctgttcaaaa tgcactgaaa gactgtcagg atctggaaga tttgattaaa 720
 gc 722

<210> 1688
 <211> 692
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (33)...(620)
 <223> similar to gi2988422 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1688
 ggcacgagca ggcatttcaa attactcttg aatttagggc ggaggcagag gatggcttac 60
 tgctctactg tggggagAAC gaacacggga ggggggattt catgtccctg gctatcatcc 120
 gacgtccct gcagttcagg tttaattgtg gaactggggt tgccatcatc gtaagtgaga 180
 ccaaaatcaa actagggggg tggcacacgg ttatgtctca cagagatggg ctgaacgggc 240
 tgctgcagct gaacaatggc accccagtga caggccagtc tcagggccaa tacagtaaaa 300
 ttactttccg gacacctctc tatcttggtg gcgctcccag cgcttacttg ttggttagag 360
 caacaggggac aaaccgaggc tttcaaggct gtgtgcagtc gctcgctgtg aatgggagga 420

```

gaattgacat gaggccctgg cccctgggaa aagcactcag tggggctgat gtgggggaat 480
gcagcagtgg aatctgtgat gaggcctcgt gcatccatgg tggcacctgc acagcaatca 540
aagccgactc ctacatttgc ctctgtcccc ttgggtttaa aggtcgacac tgtgaagatg 600
gtgagaaaga agcaagttga aggcgggttc tatctgcatg ttaatttgatg taaatgtact 660
ttatcatcaa tatagtttct ttgttaaaaa aa 692

```

<210> 1689

<211> 365

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(134)

<223> similar to gi306746 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1689

```

ggcacgagcg gggcaggaaa cggagaagca caaacgaaac tgatgcctcc aatatcgagg 60
atcagtctga gacagaagcc tatgtgagtc ttgcaagttg ggatgctgac tatacaacca 120
tctttccttt ttacgttg agcctcactc cggggcttgc accctcaaga tgccttctaa 180
acgtacagct ctgtatgac atctcctgcc tctgttagac ggctttagtt gatataattac 240
atatatttga ctctgtgtcg acttggtctg agcctgataa tgatactcgc gtctctcgag 300
gttgttactc tagtttgcg ttgtcttctt ccatgtccat tctataatat caggcgtcgg 360
accg 365

```

<210> 1690

<211> 313

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(314)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (114)...(313)

<223> similar to gi927407 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1690

```

ggcacgagcg gcacgaggaa atatgtcaac atactacagt tagtgtacag aatcagcatt    60
tcattgttag gacattttcc tcaactttct aaagccagca tttcaactga cttttccaga   120
ccatatttga agatgttagt gggtttgggtg cctggcatcg aagatgggtg ggtctttctg   180
gaatctgcnt atcttattgt acttatccag atgctgatac tcgtgcggta gtcattctaa   240
cctcggaaca ccggccaacg aaactattga agcctgacgg ctgcaacgta atctactgcc   300
tatcccagcg ccg                                                    313

```

```

<210> 1691
<211> 339
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (111)...(228)
<223> similar to gill172105 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1691
ggcacgagca tggccccagg gcgggtgggc caggctcatg gtctctctcc aggccagcag    60
tggcaccaca agggagatca cactgagatg cctgttaatt ctccccaccc cagatttgct   120
tccagctcct gacgctgtgt ctgcgggagc tgtttgagtt ccgattcatg cagactgacc   180
ccaactgggc caacttcctg tatgatgcct ccagccacca ggttggttcc tagtgatgtg   240
tgtctgggta catttgctgt tgtaacaaat attccttgat atttcggtag ctcaacaaaa   300
tagcagttga ttacccccac aataggcagg ggtggccct                                339

```

```

<210> 1692
<211> 377
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(111)
<223> similar to gil546084 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1692
ggcacgagaa aagaagaatt cagtgcagaa gaaaattttc tcattttgac ggaaatggca    60
accaatcatg tacaggttct tgtagaattc aaaaaaaagc taccaggtat tttttaaata   120
atcacagtta atattttattg agagttttaa tatgtgccca cagattagat tacctatttt   180
acatacggtg ttttaatttt caaacatttc ctgtgagatc agctctattt tcactattac   240
tttgccaagt attttcacat gtacttattt cactgctatt ctctacaata gtcttgtgac   300

```

```
attgagaaag gcaggctctgt tctttgtaaa atgaaaatca tttaatatct gatttaaagt 360
aactgtcgaa ctactat 377
```

```
<210> 1693
<211> 326
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (2)...(70)
<223> similar to gi2914017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1693
cgctctttgg gggctggaag agacagtaca gtgtcttctg gagtttggtg ccaacgtgaa 60
cgcacagggtg tgtcgtttct cttttccggg gagagagggtg tagccccagc atgagggaag 120
cctcctccta tggcagagga ctttgacag tccccagttc caggcgctgc tgcttcatga 180
acacacgacc tccctagcag cgttcatgat ttcaggctga ctgtgcttct ctgtgccttt 240
gtccttacta caacaggagg aagatttggt tcagctcttt ctctttgctt cctattcccc 300
cttagttaca gatttcctct cgtgcc 326
```

```
<210> 1694
<211> 477
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (60)...(480)
<223> similar to gi212752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1694
ggcacgagcc cacattccaa ggctacagac aggaggaggg aaccagcata ggaactggca 60
tggagcagct tgtgaaggag aggaaagggg tacaggctcg ggagaagcag cctgcagagc 120
ccccagcccc tctgcggagg cgggcggcca gtgatggaca gtatgagaac cagtctccag 180
aagccacatc cctcgtagc cctgggggttc gctccccctgt ccagtgtgtc tccccggagc 240
tggctcttac catcgctctc aatcctggag ggcggcccaa agagcccatc ttgcacagct 300
acaaggaggc cttcgaggag atggagggaa cctccccgag cagcccacca cccagtgggg 360
tgcgagcccc cccgatatg accatgactc ccctagatgc tctgggcctg aaacctcaca 420
atccagcgga catcctgttg caccacacag gagagccccg cagctatttg gagaccg 477
```

<210> 1695
 <211> 388
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (211)...(389)
 <223> similar to gi4240199 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1695
 ggcacgaggt tagccagcta taaactcagt ctcatccct gtccgttcca actttactgg 60
 gttcttttaa aaaccagacc acgggctggg aaatgccttg atctttactg accgagttgt 120
 atattgggcc tagccctagc cctgttaagg ggcactgtgt ggaaatgcc aggctctcca 180
 gattgaaact tctcactctt caccatccag ttgtccagct gcagcaaagc acatacagag 240
 tgggagttag agcagtcctt acaggaccag gcactgctga aagcgagct gacacagttg 300
 aaggagtcac ttcaacaact ccaattagaa agagatgagt gtgctgaaca tatagaagga 360
 gagagggcc ggtggcatca gaggatga 388

<210> 1696
 <211> 892
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (598)...(893)
 <223> similar to gi5834564 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1696
 ggcacgaggt cattgccaca ggcaggacct atgggcgcat ataggttgta atgaaactgt 60
 agtctcagtt ggaagcctaa acatgaaatg ggtcagtgag caaggctcta ttcctagtct 120
 ccagccatgc ctgtggcaac ctgagcccg ctcagcaca ttggaccag gcagatgtaa 180
 aaaattcaca gaactatgat ttggactgaa ggggttgtag atttcctcct tcattctaata 240
 ttcagtgtct aaaattcttg catccatgaa cgagctgggc atttgatgag acagggctga 300
 atactttagt tttcctcctg gaaatcatct ggggcatttt ctttgaactg atgggaacaa 360
 taaagcataa ctgtttgcac aaacttggga taaatgattt tgggataacg atctaccaga 420
 atggggatat ttcacccttg gttctgagat gtaaaccaaa gaatatcatg accagctttc 480
 aggcctcctg aagtatatct ctcaaattgt cctgttctca tgctgaggag cctgagatcc 540
 ctgtgtgggg attagacagt ggactgttat ggggtgtagt gaattggctt attttgtctg 600
 tccctgcctg aatgtattgc aggaattaaa aaggaccaag aagaggaaga agaccaaggc 660

```
ccaccatgcc ccaggctcag cagggagctg ctggaggtag tagagcctga agtcttgag 720
gactcactgg atagatgtta ttcaactcct tccagttgtc ttgaacagcc tgactcctgc 780
cagccctaca gaagttcctt ttatgcattg ggggaaaaac atgttggctt ttctcttgac 840
gtgggagaaaa ttgaaaagaa ggggaagggg aagaaaagaa ggggaagaag at 892
```

```
<210> 1697
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(401)
<223> similar to gi3201662 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1697
ggcacgaggt taatgacaat aaacctgaaa ttaacatcaa cctcatgtcc cctggaaaag 60
aagaaatata ttatatTTTT gaaggggatc ctattgatac atttgttgct ttggtcagag 120
ttcaggacaa ggattctggg ctgaatggag aaatagtttg taagcttcat ggacatggtc 180
actttaaact tcagaagaca tatgaaaaca attatttaat cttaactaat gccacactgg 240
atagagaaaa gagatctgag tatagtttga ctgtaatcgc tgaggacagg gggacaccca 300
gtctctctac agtgaaacat ttacagttc aaatcaatga tatcaatgac aatccacccc 360
acttccagag aagccgatat gaatttgtaa tttcagaaaa g 401
```

```
<210> 1698
<211> 1224
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (287)...(398)
<223> similar to gi520469 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1698
ggtttttttt ttttttcttt tgggaaaggc attggccact ttggacttta ttagcaacag 60
taatgtcccc tgacatacgc acaagcttgt agctccacgg ccagggtcttc ccccaacctc 120
acaatggccc cgtgatgcag gcaggcaggc gagtgggggt ctccctcct tatccacagg 180
gccaccgaaa ggccacagag acggccttgc ccgaggtcac ccagcggagt ggcttgctgg 240
gagccctggg aataacagtc ccacacaagg ctctctccct ccgagctgg acctgtacgc 300
gggggctctg tttgtgcaca tctgcctggg ctggaacttc tacctctcca ccacctcac 360
```

gctcggcatc	acagccctgt	acaccatcgc	aggtatggtg	cctgcagcag	ggaggtccac	420
ccaggggacg	tgtaaagggg	tcagaaggcc	acctccccct	acaggcccga	gggagcagcc	480
caggaagtgg	ccccagcagg	agccccagaa	gttcctcccc	gtgtccctcc	tccctggggc	540
cagggccccc	tccagcaacc	ttgcttccac	tggcaggggg	cctggctgct	gtaatctaca	600
cggacgccct	gcagacgctc	atcatggtgg	tgggggctgt	catcctgaca	atcaaagggtg	660
aggacagagt	ctgtggccat	ggcggggctg	tccccacagc	gagccctttg	gagtctggca	720
ctgcccggca	ctgtgcagga	ttcatgccgt	tggggttctg	ggtagcatcg	ctgggagtgg	780
gtgggttcag	gaggttgagc	cactaggcag	tcagcccccc	tgttggtccc	tcagggactg	840
ccctggctgg	tagaggctac	ccaccctgct	gccccgctgt	taccagctct	ggccctggca	900
aggagctgac	tcaggaactc	agggccagcc	acaccgcgat	tggtcagcgc	cttgatggtg	960
aggtggggct	gtaggcgggt	gtgaaggcac	acaaccagga	ggccataaaa	ctgcctgggc	1020
agctcctcca	attgtttaaa	agcatgtaca	aaatgccaa	aggtgatgct	acctcctgca	1080
ggacaaaggc	cagggaggaa	agaagagagc	tgggagagat	tggcgatact	agtctggaac	1140
agataggaaa	ctcacagggc	tgcccggaga	gagcgtgagc	tcaccgtccc	tggaagtatg	1200
taagcagagc	caggagctcg	tgcc				1224

```

<210> 1699
<211> 357
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(358)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (9)...(360)
<223> similar to gill113865 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1699	
ggcacgagga	aattgctgaa cttcaggggc aagcagcagt gctcaaggag gcacatcatg 60
aggccacttg	caggcatgag gaggagaaaa aacaactgca agtgaagctt gaggaggaaa 120
agactcacct	gcaggagaag ctgaggctgc aacatgagat ggagctcaag gctagactga 180
cacaggctca	agcaagcttt gagcgggaga ggggaaggcct tcagagtagc gcctggacag 240
aagagaaggt	gagaggcttg actcaggaac tagagcagtt tcaccaggag cagctgacaa 300
gcctggttga	gaaacacact cttgagaaag aggagttaag aaaagagctc ttggaan 357

```

<210> 1700
<211> 1079
<212> DNA
<213> Homo sapiens

```

```

<220>

```



```

<221> misc_feature
<222> (2)...(1075)
<223> similar to gi3170196 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1700
agcctctaca actgagttaa agaaagagag taaaaaagaa aggccagagg aaaccagcaa      60
ggatgagaaa gtcgtgaaaa gcgaggacta tgaagatcct ctacaaaaaac ctttagaccc      120
tacaatcaaa tatcaatacc taaggaggga agacttggaa gatgggtcaa aggggtggagg      180
ggacattttg aaatcttttg aaaatactgt caccacagcc atcaacaaag cccaaaacgg      240
ggcccccagc tggagtgcct accccagcat ccacgcagcc taccagctgt ctgagggcac      300
caagccgcct ttgcctatgg gatcccagggt actgcagatc cggcctaata tcaccaacaa      360
gctgaggccc attgcaccaa agtggaaaagt gatgccactg gtttctatgc ccacacacct      420
ggcccccttac actcaagtca agaaagagtc agaagacaaa gatgaagcgg tgaaggagtg      480
tgggaaaagaa agtccccacg aagaggcctc atctttcagc cacagtgagg gcgattcttt      540
ccgcaaaagt gaaacacctc cagaagccaa aaagaccgag ctgggtcccc tgaaggagga      600
ggagaagctg atgaaagagg gcagcgagaa ggagaaaccc cagcccctgg agcccacatc      660
tgctctgagc aatgggtgcg ccctcgccaa ccacgccccg gccctgccat gcatcaaccc      720
actcagcgcc ctgcagtcg tcttgaacaa tcacttgggc aaagccacgg agcccttgcg      780
ctcaccttcc tgctccagcc caagttcaag cacaatttcc atgttccaca agtcgaatct      840
caatgtcatg gacaagccgg tcttgagtcc tgctccaca aggtcagcca gcgtgtccag      900
gcgctacctg tttgagaaca gcgatcagcc cattgacctg accaagtcca aaagcaagaa      960
agccgagtc tgcgaagcac aatcttgtat gtccccacct cagaaggcac ggtcttgtct     1020
tgacattcgc cgacatgggt caaaagttcc ttccccaaag gccaccaccc caaaggcca      1079

```

```

<210> 1701
<211> 433
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(434)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (191)...(300)
<223> similar to gil83039 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1701
caagtccagt cccaagttaa aggaagggtg aatttcctga aaaatnaaat gtgggcaaaa      60
gggcttccca aaccagatg gggaattagg agatggcttg ggaatgacat gatctgagga      120
agggcctggg tcagggaaga gcatgtttgt gtagttgggt cataacttct ctgggcttct      180
gcttgtctag gtgcaattaa cagactttga gaactctgcc tatgtggtgt ttgtggtact      240
gctcaccaga gtgatccttt cctacaaatt ggattttctc attccactgt caaaggtaag      300

```

```

gatatgtttc tttatggtga tgggtataga tctatctgta gatatattta tttatatatg 360
ctattttattt cccacctaatt ttcatttgaa attgtttacc ctttgcaata aaatgtttct 420
ccatcctcgt gcc 433

```

```

<210> 1702
<211> 345
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (13)...(345)
<223> similar to gi5690435 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1702
ggcacgagcg gcacgagatc tgaagaggtta tattgcttac agaaagagcg ggagatggta 60
aatcacagtc ttcaagagac ttctgagcaa aacgttattc tacagcatac tcttcagcaa 120
cagcagcaaa tggtacaaca agagacaatt agaaatggag agctagaaga tactcaaact 180
aaacttgaaa aacaggtgtc aaaactggaa caagaacttc aaaaacaaag ggaaagttca 240
gctgaaaagt tgagaaaaat ggaggagaaa tgtgaatcag ctgcacatga agcagatttg 300
aaaaggcaaa aagtgattga gcttactggc actgccaggc aagtn 345

```

```

<210> 1703
<211> 331
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(328)
<223> similar to gi2065210 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1703
acatcaatgc tccagctttg attcaaagag atcttgatca ctttttgctt ttgcaaaata 60
tcaccctagt ccattacatt gatgacagta tgctgattgg atccagttag caagaagtag 120
caaacacact ggacttatta gtgagacatt tgcataccag aggatgggaa ataaatccaa 180

```

```

gtaaaaattca gggaacttct acctcagtaa aatttctagg ggtacagtgg tgtggggcct 240
gtcaagatat tccttctaag gtgacggaca agttgctgca tttggcccgt cctacaacca 300
agaaagaggc acaacggcta gtgctcgtgc c 331

```

```

<210> 1704
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (10)...(179)
<223> similar to gi4337103 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1704
ggcacgagct tctacttgta caggaaaggt tacttgagtt tgtccaaagt ggtgccgttt 60
tctcactatg ctgggacatt gctgctactt ctggcacgtg tggcctgcct cctaggcatt 120
gtccgctggg cctacccccca cttcccgcag tttctcgcca tctcctctcc gatccatctc 180
tacctgacgt cataactcta tatgcatggt atgcggtcca tcttagtctt ctaaaaaggc 240
catttttagct tacctgccat caagctatac atgtggaaat atacactgta ttattttccc 300
tttccagggtg attacttacc tcatctgttc ttatatctgc 340

```

```

<210> 1705
<211> 331
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(218)
<223> similar to gi927649 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1705
ggcacgaggg ccgaccagtg ctatgaagat gtgcgcgtct cacagaccac ctgggacagt 60
ggcttctgtg ctgtcaaccc taagtttgtg gccctgatct gtgaggccag cgggggaggg 120
gcctttctgg agctgccctt gggcaagact cgacgtgtag ataaaattgc gttgacggac 180
gttgccctct atggtcgtgt gttatgcgtt gtgtggtacg ttatcttcgg attttgttct 240
tatagcgctt gacgcgatgg tgacttctga tttggtttga ctttggcgta ccgatttgtg 300
tgtgtggtca gtagtgcaag ctgtggtgcg g 331

```


<210> 1708
 <211> 478
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(479)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (148)...(478)
 <223> similar to gi3080757 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1708
 gagactccaa gccccagttt cacctcagag gcagagatga ggggtcccc ggctctgctc 60
 ctccaggccg ccccaatgga gtgtcctgtt ccgcagggga tcccggccgg gtccagtcct 120
 gagcctgcac ctgaccccc ggggcctcat ttctccggc aggagcgcag cticgagtgc 180
 cgcattgtgc gcaaggcctt caagcgctcg tccacgtgtt ccacccacct gctcatccac 240
 tcagacacgc ggccttacct ctgccagttc tgcggcaagc gtttccacca gaagtccgac 300
 atgaagaagc acacctacat ccacacaggt gagaagccgc acaagtgcc ggtgtgcgga 360
 aaggccttca gccagagctc caacctcatc acccacagac tcagagagaa cccaccatgg 420
 tgctgtctcc tgccgacaag accaacgtca aggcgcgctg gngtaagggt cgcgcgca 478

<210> 1709
 <211> 1819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (32)...(678)
 <223> similar to gi436228 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1709
 cccacgcgtc cgaacagaag atgtgtacac atccagaaag aaacaacacc agaccatgat 60
 gcattatatt tgtgcattaa atactcttca gtacaagaag aaaatagcat tgtagaacc 120
 tctacttggg tacatgcaag ctgagataag tttctttaag atgggttctg aaaatcttaa 180
 tgaacaactg gaagaatttt tagctaatat tggaacaagc gttcagaatg ttcgcaggga 240

```

aatggacagt gatatagaga ccatgcaaca gacaatagag gatttggaag tagccagtga 300
tcccttatat gtgctgacc cagacccac caaatttcct gttaatcgaa atttaacccg 360
aaaggctgga taccttaatg ctaggaataa aacaggcttg gtgtcatcta cctgggacag 420
acagttttac ttcacgcagg gtggaaattt aatgagtcag gcccgtaggg atgtagcagg 480
aggcctggcc atggacatag acaactgttc agtgatggct gtggactgtg aagacagacg 540
atattgtttt cagatcacct ctttcgatgg aaaaaaatct tcaattttgc aagcagagag 600
taaaaaagat catgaagagt ggatctgtac aataaacaac atatctaaac aaatataactt 660
aagtgaaaat ccagaggaaa ctgctgcacg agtaaataca tcagctctgg aagctgtcac 720
tccttcccca tctttccagc agaggcacga gagcctgcgg ccagcagcag gacaatctcg 780
gccaccgaca gctcgaacca gcagttcagg atccttagga tctgagtcta caaatttggc 840
tgccctctct ctagattctc ttgttgcccc agacaccca atacagtttg acataatttc 900
tcctgtgtgt gaagatcagc ctggccaggc aaaagccttt ggccaggagg gcaggcgtac 960
aaatccattt ggagaatctg gaggaagtac aaaatctgaa actgaagatt ctattcttca 1020
tcagttattt attgtccgat tccttggttc aatggagggtg aaatcagatg accatccaga 1080
tggtgtttat gaaactatgc gccaaatctt agctgcccgg gccatccata acatctttcg 1140
tatgacagaa tcgcatttat tagtcacttg tgactgttta aagttaattg atccacagac 1200
acaagttaca aggtcacgt ttccattacc ttgtgtagtt ttgtatgcta cacaccagga 1260
aaataagcgc ctttttggat ttgttcttcg gacatcaagc gggagaagtg aaagtaatct 1320
gtcatcagtc tgctatatat ttgagtcaaa caatgagggg gaaaagatat gtgattctgt 1380
tggtactggc aaacagatag ctttgcattg tgaactggat cgtaggggcat cagaaaaaca 1440
aaaagaaata gagagagtaa aagagaagca acagaaagaa ctcaataaac aaaaacagat 1500
tgaaaaggac ttggaagaac aaagtcgggt gatagctgct tccagtagac caaaccaagc 1560
cagtagtgag gggcagtttg ttgtccttag cagtagccag tcagaagaga gtgatttggg 1620
aggaggagga aagaagagag aatcagaagc ataagcttat acttttggta gatattcccc 1680
cttggaattt gacagtttct atggtgaaat ggcagaaggt aacaactatg ttgaaatatc 1740
aaggaggaga ttaagcttta tatttgctta tttgtttag ctacatttta aaaaaaagat 1800
tgaacttgat gaaaaaaaaa 1819

```

```

<210> 1710
<211> 377
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (18)...(371)
<223> similar to gi3876638 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1710
aactacccat tttctggatt ttcccctatt tttttgaatc ccgaatttgt cagttttttc 60
caagcttcca gatgctggat taccaggtag attatgataa tcatgcactt tataaacacg 120
gaaagacagg tcgaaaacag tctcccgtgc gtattttcac caacattccg cccaacaaaa 180
taatccttcc tactgaagaa gggtagagat tttgctctcc gtgtcaacgg tatgtttctc 240
tagagaatca aactgtgag cactgttaatt cttgcacatc caaggatggc aggaaatgga 300
accattgctt tctctgtaaa aagtgtgtaa agccttcctg gatccactgt agcatctgca 360
atcactgtgc tgttcca 377

```

<210> 1711
 <211> 648
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (122)...(533)
 <223> similar to gi220637 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1711
 cggacgcgtg ggtgtgggca acagagaatc cccgggacaa gctgggatga attcaattca 60
 ttccccaggc cctgcgagcc cagtcagtca cccggatggc caagaagcca aggcactgcc 120
 gccctttgca tgtgacgtgt gcgagaagag gtttacgtgt aattccaagc tagtcatcca 180
 caagagatca cacacaggcg agagactctt tcaatgtaat ctctgtggga agcgcttcat 240
 gcagcttatt agcctccaat ttcaccagcg aaccacact ggcgagaggc cctacacgtg 300
 tgacgtctgc cagaagcagt tccccagaa gtctacttg aagtgtcaca agagaagcca 360
 cacaggggag aagcccttcg aatgtaaaga ctgcaagaaa gttttcacct acagggggag 420
 cctgaaggag caccagcgca tccactccgg agagaaaacc taaaaatgtt ccaagtgtcc 480
 aagagccttc agtcggctga aattgttaag acgccaccag aaaacacatc cagaagctac 540
 ttcttagtga ttgcataatc cggctctatgc cttctgcacc aagaagaaga gaatgatatt 600
 tttcatcaat gttatcagat gacatttgac acatgcaagg gcgtctga 648

<210> 1712
 <211> 600
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (8)...(590)
 <223> similar to gi50866 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1712
 gggtcacagaa aaaaacacag aaatgtgcaa tgtcatgatg cagttgagga aaatggccaa 60
 tcatccttta ttacatcgcc aatattacac agctgaaaaa ctcaaggaaa tgtctcagct 120
 tatgctaaag gaacctacac attgtgaggg taaccctgac ctgatctttg aagatatgga 180
 agttatgaca gacttcgaac tacatgtact ttgtaaacag taccgacaca ttaataactt 240
 tcagttagac atggacttga ttttagattc tggaaaattt cgagttttag gatgcatctt 300
 gtctgaattg aaacagaagg gtgatagagt tgtgttattt agccaattta ccatgatgct 360
 ggatatctta gaggttctat taaaacatca tcagcatagg tacctcagat tagatggaaa 420
 gactcagatt tctgaaagga ttcattctaat tgatgagttt aataccgata tggatatctt 480
 tgtgtttctg ctatcaacaa aagctggtgg attaggaata aatctgactt cagcaaatgt 540

tgttatactt cacgatattg actgtaatcc ttataatgac aaacgcggcg gtggggggct 600

<210> 1713
<211> 518
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (66)...(521)
<223> similar to gi4559318 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1713
agacggttgc agttgcttcc aaacctttag tccgcctcgg attcccgttc gaccacgcg 60
ttcgaatgtga caaagctttt aatcagcaat caaaccttgc acgtcatcgt agaattcata 120
ctggagagaaa accttacaaa tgtgaagaat gtgacaaagt tttcagtcgg aaatcaaccc 180
ttgagtcaca taagagaatt catactggag agaaaccata caaatgtaag gtttgtgaca 240
cagctttcac atggaattct cagctggcaa gacataaaaag aattcacact ggagagaaaa 300
cttacaagtg taatgagtgt ggcaagacct tcagtcacaa gtcacccctt gtatgccatc 360
atagacttca tgggtggagag aaatcttaca aatgtaaggt ctgtgacaag gctttttgcgt 420
ggaattcaca cctggtaaga catactagaa ttcatagttg aggaaaacct tacaagtgtg 480
atgaatgttg gaagaccttt ggtcaaaatt cagatctt 518

<210> 1714
<211> 704
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (57)...(656)
<223> similar to gi2315451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1714
tattctttat ttagatatat tcaatattta ttttcatgag attactttct tttgtagata 60
attatcaaac agcacagcta cttgccttaa ttttagagtt actcacattt tgtgtggaac 120
atcacacata tcacataaaa aactatatta tgaacaagga cttgctaaga agagtcttgg 180
tcttgatgaa ttcaaagcac acttttcttg ccttgtgtgc ccttcgcttt atgaggcgga 240
taattggact taaagatgaa ttttataatc gttacatcac caagggaaat ctttttgagc 300
cagttataaa tgcacttctg gataatggaa ctcggtataa tctgttgaat tcagctgtta 360
ttgagttggt tgaatttata agagtggaag atatcaagtc tcttactgcc catatagttg 420

aaaactttta	taaagcactt	gaatcgattg	aatatgttca	gacattcaaa	ggattgaaga	480
ctaaatatga	gcaagaaaaa	gacagacaaa	atcagaaact	gaacagtgtg	ccatctatat	540
tgcgtagtaa	cagatttcgc	agagatgcaa	aagccttgga	agaggatgaa	gaaatgtggt	600
ttaatgaaga	tgaagaagag	gaaggaaaag	cagttgtggc	accagtggaa	aaacctaagc	660
cagaagatga	ttttccagat	aattatgaaa	agtttataaa	gact		704

<210> 1715
 <211> 583
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (7)...(311)
 <223> similar to gil389741 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1715	
ctcgcgcgcc	tgcaggtcga cactagtgga tccaaagaat tcggcacgag ggcctttaga 60
atgaagtcac	acctcattga tcatcacoga actcacacag gagagaaacc atatgaatgt 120
aatgaatgtg	gtaaatcatt cagtcaaaag acaaactctca atctacatca gagaattcat 180
acaggggaga	aaccctatgt ttgtaatgaa tgtgggaagt cctttcgcca gaaagcaacc 240
ctcactgtac	atcagaaaaat acataccggc cagaaatcct atgaatgtcc tcagtgtggg 300
aaagccttta	gcaggaagtc atatctcatt catcatcaaa gaactcatalc gggagagaaa 360
ccatataaat	gtagtgaatg tggaaagtgc ttccgccaga agacaaatct caatctacat 420
cagagaattc	atacagggga gaaaccctat gtttgtaatg aatgtgggaa gtcctttcgc 480
cagaaagcaa	ccctcactgt acatcagaaa atacataccg gccagaaatc ctatgaatgt 540
cctcagtgtg	ggaaagcctt tagcaggagt cgacgcggcc gcg 583

<210> 1716
 <211> 332
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(161)
 <223> similar to gi29653 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1716	
ggcacgagca	gctcaccaac aacacagcca ctgccccctc tgccacgccc gtgtttgggc 60
aagtggcagc	cagcaccgca ccaagtctgt ttgggcagca gactggtatc acagccagca 120

<220>
 <221> misc_feature
 <222> (204)...(328)
 <223> similar to gi4103882 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1718
 gtccgctacc agttcacgcc tgccttcctc cgcctgaggc aggtggggagc cacgtgagtc 60
 gctgggctat ggggtggtggt gggggtgagg gagagggtgt gagggggcc ttcttagcct 120
 ctcgatggg tgggtctgtcc tgagcctggc tggattgttg acttcatgga cagacttagc 180
 tctgcctcct tttcttgctc atgggtggagt taacagtggg tgacaatcct gtatactatt 240
 ttcgcttgat cgagaggcac tacgttcgca tccagggtact catatgctat gacttccact 300
 atggtttctg tatacccagc aacacgcg 328

<210> 1719
 <211> 344
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(114)
 <223> similar to gi553800 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1719
 ttggagttca gtgatgatat tgtgaagatc attgaagcag ccattaattc agatggagga 60
 cagccagaaa ttaaaaaagc caacagcatg gtcaagtcct tcttcattcg ggtgaatgat 120
 attactaatt catgttttta atgcttacct ataagtaatt accctgtgaa tacaatgaac 180
 ttgttctctt ctactttttg ctttgtggtg tgtataaaac atctttgggt taatttgatc 240
 ccctgattct ttgagaggaa cttggtgagg ttgccagagt ggatggatct ttctcttggt 300
 ggcctgaaat tatcctcgta ttaacagaga agctggtttg aaga 344

<210> 1720
 <211> 325
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(326)
 <223> similar to gi488555 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1720

tataaatgta	cagaatgtgg	caaagccttc	agtcagagca	tatgccttac	tcgtcatcag	60
agaagtcatt	ctggagataa	accttttaag	tgtaatgaat	gtgggaaagc	ctttaatcag	120
agtgcattgc	tcatgcagca	tcagagaatt	cattcaggag	agaagcccta	cacatgcact	180
gaatgtggta	aagccttcac	tcagaactct	tcccttggtg	aacatgaaag	gactcacact	240
ggagagaaac	tttataagtg	tagtgagtgt	gaaaaaactt	tccgcaaaca	agcacacctt	300
agtgagcatt	acagaattca	tactg				325

<210> 1721

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(364)

<223> similar to gi5912374 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1721

cctaacttgt	ttccgacagg	gcatgggtgct	gatgtgaaat	gtgtagactg	gcatccaacc	60
aaagggttag	ttgtttcagg	aagtaaagat	agtcaacagc	caatcaagtt	ctgggatccc	120
aagactgggc	agagtcttgc	aacacttcat	gcccataaaa	acacagtaat	ggaagtgaaa	180
ttaaacctca	atggcaattg	gctactcaca	gcatcacgtg	atcatctctg	taaacttttt	240
gatatcagaa	acctaaaaga	agagcttcaa	gtcttccgag	gtcataagaa	agaagccaca	300
gctgtggcct	ggcatcctgt	tcatgaagga	ctttttgcc	gtggaggggc	tgatggctct	360
ttgttattct	ggcatgttgg	ggtagagaag	gaagtgggtg	ggatggagat	ggctcacgaa	420
gggatgatc						429

<210> 1722

<211> 328

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(331)

<223> similar to gi50866 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 1722
ggcttatgaa caaatgtgaa gacatttcaa ataaattgac caaacaagtt accatgctta    60
ctggaaatgg aggtggatgg aacatagaac aaccttccat tctaaaccag agtttgtcac    120
tcaagcccta tcagaagggt gggttgaatt ggctggcatt ggtacataaa catggactta    180
atggcatttt ggcagatgaa atgggcctag gaaaaactat tcaagccatt gcatttctgg    240
catacctcta tcaggagggt aataatggtc ctcatattgat cgttgttcca gcttcaacta    300
tagataactg gttaaggga gtttaattt                                     328

```

```

<210> 1723
<211> 236
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(238)
<223> similar to gi3628757 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1723
catcagcggc caggaaggat tgcaagcagt cttagccagc gactattcat ttgcacagtt    60
tagatatctc caaaggcttc tccttgttca tggaagggtg tcttatttcc gaatgtgcaa    120
attcttatgc tatttcttct ataagaattt tgcatttaca cttgtgcatt tctggtttgg    180
tttcttctgt ggtttctcag cccagactgt ttatgaccag tggttcatca cccttg      236

```

```

<210> 1724
<211> 884
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(497)
<223> similar to gi330862 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1724
ccacacgcag aacaacaaca acaagcccca ccaccacccg acaaatgaca acaaccccag    60
ctgcacttcc aacaacagtc gtgaccacac ccgatctcac aaccggaaca ccactccaga    120
tgacaacat  tgccgtcttc acaacagcaa acacgtgcct ttcactaacc ccaagcacc    180
ttccggagga agccacaggt cttctgactc ccgagccttc taaggaaggg cccatcctca    240

```

ctgcagaatc	agaaactgtc	ctccccagtg	attcctggag	tagtgctgag	tctactttctg	300
ctgacactgt	cctgctgaca	tccaaagagt	ccaaagtttg	ggatctccca	tcaacatccc	360
acgtgtcaat	gtggaaaacg	agtgattctg	tgtcttctcc	tcagcctgga	gcatctgata	420
cagcagttcc	tgagcagaac	aaaacaacaa	aaacaggaca	gatggatgga	atacccatgt	480
caatgaagaa	tgaaatgccc	atctcccaac	tactgatgat	catcgccccc	tccttgggat	540
ttgtgctctt	cgcattgttt	gtggcgtttc	tcctgagagg	gaaactcatg	gaaacctatt	600
gttcgcagaa	acacacaagg	ctagactaca	ttggagatag	taaaaatgtc	ctcaatgacg	660
tgcagcatgg	aagggaagac	gaagacggcc	tttttaccct	ctaacaacgc	agtagcatgt	720
tagattgagg	atgggggcat	gacactccag	tgtcaaaaata	agtcttagta	gatttccttg	780
tttcataaaa	aagactcact	tattccatgg	atgtcattga	tccaggttg	ctttagtttc	840
atgaatgaag	ggtacttttag	agaccacaac	ttctctgtca	aaaa		884

<210> 1725
 <211> 1958
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(528)
 <223> similar to gi4803663 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1725						
tatatcttgg	ccttagaaaa	tcagcttaca	atggccgaat	attttttaga	aaatgggtgca	60
aacgtagaag	caagtgatgc	tgaaggaagg	acagcacttc	atgtgtcttg	ttggcaaggc	120
catatggaaa	tgggtgcagg	cctgatagca	taccatgctg	acgtcaatgc	tgcagacaat	180
gaaaagcgct	ctgcttttgc	gtctgcagcc	tggcagggcc	atgtaaaagt	ggttcagctt	240
ctgattgagc	atgggtgctgt	agttgaccat	acatgtaacc	aagggtgcaac	tgcactctgt	300
attgcagccc	aggaagggca	cattgatgtt	gttcaggtct	tattagagca	tgggtgctgat	360
ccaaaccatg	ctgatcaatt	tggacgcact	gctatgcgtg	ttgcagccaa	aaatggacat	420
tctcagataa	ttaaattatt	agaaaaatat	ggggcatcta	gtttgaatgg	ctgttcccca	480
tctcctgttc	acacaatgga	gcaaaaacct	ctacagtcac	tgtcttcaaa	agtgcagtca	540
ttaacaatta	aatcaaatag	ctctggtagt	actggtggag	gggatatgca	gccttcgtta	600
cgtgggtttac	ctaattgggccc	tactcatgct	tttagttctc	cttcagaatc	tccagattct	660
acagttgacc	ggcagaagtc	atcactgtca	aataattccc	tgaaaagctc	aaaaaattca	720
tctttgagaa	ctacttcac	tacagcaacg	gctcaaacag	tgccaattga	tagctttcat	780
aacttgtcat	ttacagaaca	aattcagcag	cattcattgc	cacgcagtag	taagtcgaca	840
gtcaattggt	tccccatctt	ccacaacaca	gtccttagga	cagagtcata	attcaccaag	900
tagtgaattt	gagtggagtc	aagtaaagcc	cagtttgaag	tcaactaaag	caagtaaagg	960
ggggaaatca	gaaaattctg	ccaagtctgg	atcagctggg	aaaaaagcga	aacaaagtaa	1020
ttcttcacag	ccaaagggtt	tagaatatga	aatgactcag	tttgatagaa	gaggacatat	1080
agccaaatcc	gggactgctg	caccacctaa	acaaatgcca	gcagaatctc	aatgcaaaat	1140
tatgatacct	tcagctcagc	aggaaattgg	tcgatctcaa	cagcagtttc	ttattcacca	1200
acaaagtggg	gaacagaaga	agagaaatgg	aataatgaca	aatccaaatt	atcatcttca	1260
gagcaaccag	gtttttcttg	gtagggtttc	agtcccacga	acaatgcaag	atagagggca	1320
tcaggaagtg	ttggagggat	acccttcctc	agagacagaa	ttaagcctta	aacaagctct	1380
gaagcttcag	attgaagggt	ctgaccctag	cttcaactat	aaaaaggaaa	caccattata	1440
aaagtttcct	attcttgtga	aacaagaaga	cattgtgatg	ggagtgggtc	ttcagctact	1500
ggatgggaaa	catatgcctg	ttgatttgct	gaaaaaacca	aaaaaatga	agaatgtgat	1560

cttctggcag	tacagttacc	ttaattactg	taatgtgccc	taaatagtaa	ggctgccctt	1620
ctcaatgtaa	ccctctgtgc	ttaaaaaatt	tcattttgtg	tgctttgtat	tcactacaca	1680
ggaataagca	cttttttaaaa	atgcagatac	atactgcagt	cccctgataa	aagctgaaaa	1740
gaaaatttga	gtatttttaag	ttaaaattgt	gataaaaaaa	tgtgcatgtg	ccataatcaa	1800
atatatatga	aaaggcagtg	ttccttgtat	ttattttttt	ttctttttgt	ggcaaaagaa	1860
acttaaacad	actgtttcag	tcacattgca	ttgtagtgtg	tggcctgttt	cttgtatctt	1920
taaagacgtt	gctcaataaa	acaaatcctg	caactgta			1958

<210> 1726
 <211> 1466
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(1244)
 <223> similar to gi3929219 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1726		
tggacttggtg	gcaattcact cctcttcatg aggcagcttc taagaacagg gttgaagtat 60	
gttctcttctt	cttaagttat ggggcagacc caacactgct caattgtcac aataaaagtg 120	
ctatagactt	ggctcccaca ccacagttaa aagaaagatt agcatatgaa tttaaaggcc 180	
actcgttgct	gcaagctgca cgagaagctg atgttactcg aatcaaaaaa catctctctc 240	
tggaaatggt	gaatttcaag catcctcaaa cacatgaaac agcattgcat tgtgctgctg 300	
catctccata	tcccaaaaaga aagcaaataat gtgaactgtt gctaagaaaa ggagcaaaca 360	
tcaatgaaaa	gactaaagaa ttcttgactc ctctgcacgt ggcatctgag aaagctcata 420	
atgatgttgt	tgaagtagtg gtgaaacatg aagcaaaggt taatgctctg gataatcttg 480	
gtcagacttc	tctacacaga gctgcatatt gtggtcatct acaaacctgc cgcctactcc 540	
tgagctatgg	gtgtgatcct aacattatat cccttcaggg ctttactgct ttacagatgg 600	
gaaatgaaaa	tgtacagcaa ctcttccaag agggatatctc attaggtaat tcagaggcag 660	
acagacaatt	gctggaagct gcaaaggctg gagatgtcga aactgtaaaa aaactgtgta 720	
ctgttcagag	tgtcaactgc agagacattg aaggcgctca gtctacacca cttcattttg 780	
cagctgggta	taacagagtg tccgtggtgg aatatctgct acagcatgga gctgatgtgc 840	
atgctaaaga	taaaggaggc cttgtacctt tgcacaatgc atgttcttat ggacattatg 900	
aagttgcaga	acttcttggt aaacatggag cagtagttaa tgtagctgat ttatggaaat 960	
ttacaccttt	acatgaagca gcagcaaaaag gaaaaatatga aatttgcaaa cttctgctcc 1020	
agcatggtgc	agaccctaca aaaaaaaaca gggatggaaa tactcctttg gatcttggtta 1080	
aagatggaga	tacagatatt caagatctgc ttaggggaga tgcagctttg ctatagctg 1140	
ccaagaaggg	ttgttttagcc agagtgaaga agttgtcttc tcctgataat gtaaaattgcc 1200	
gcgataccca	aggcagacat tcaacacctt tacatttagc aggttaagtga atgaagtttc 1260	
acagatttag	gctggtaata tctgagattc attttacca ggtaaaatat tttctgtaac 1320	
taaactttta	aaattcaaact caggccaagc atggtggctc acacttgtaa tcccaacact 1380	
ttatgaggct	aaggcaggag gattgcttga gcccaggaat ttgagagcag cctgggcaac 1440	
atggcaaaac	cacacctcta taaaaa	1466

<210> 1727
 <211> 599
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (6)...(602)
 <223> similar to gi5821434 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1727
 ggcacgagct ggaagaatcc tccaataatc taaccagtt ccagactgta gagggccaat 60
 tgaaacagtg gcttgtggaa aaagaactta tggtcagtg tcttggggccc ttgtcaattg 120
 acccaaatat gctaaacaca caaaggcagc aggtgcagat tttgctgcaa gaattcgcca 180
 ctcggaacc tcaatatgaa cagctgacag cagctgggtca gggcattctg agcaggcctg 240
 gagaagaccc ttctttacat gggattgtga aagagcaact ggcagctgtg acccaaaaaat 300
 gggatagcct aacaggggcaa ttgagtgaac gatgtgactg gattgaccaa gccattgtta 360
 aaagcacaca gtatcaaagc ctgctgagaa gcctttctga taaactgagt gacttggata 420
 ataaactcag cagcagctctg gctgtgagca cgcaccctga tgctatgaac caacagttgg 480
 aaacagccca aaaaatgaag caggagatac agcaggaaaa gaagcagata aaagtggccc 540
 aggcactctg tgaggatttg tcagcactgg ttaaagaaga gtacttgaaa gcagaactt 599

<210> 1728
 <211> 1711
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (993)...(632)
 <223> similar to gi5824429 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1728
 ttttttttt tagaaattag aatactttat tataaatatt ttcagaatat aaactgattt 60
 tgtatcaaga cctctttgaa acttttagaaa ctttatgtaa cctaagatca taatatattt 120
 cattttccac tttccagcct agaaaatata ctgcaagtta gatctaataa aggagaaaaa 180
 aattgcttca cagagaaaaa ccaatgaaca taaaataccc aactcaaaac tataacaaac 240
 ccaatcaaga aacagattgt gcaaagggtca ttaatcctcc aattttaaata aaataacctc 300
 ccaacagaaa atattttccac catcaaagca atttgatgaa taaaagcaga gtcactttca 360
 ttaaaggaaa ttacactata tgttcaaaaa atgtaataat gcttttagaa aatgaggaaa 420
 agcaagcaat ttctgtgttg gagagcaagc atgctaaaca ctttgtttac taggcctttg 480
 ttagaagtta aagaacctat tcacataaga aaagtgggtat gaacacggat atcataaaac 540
 caagctctca cctatttttt caatttaact ttggggagaac caactttgaa agcttcaaaa 600
 tccaagaata gactggtccc aaagcatttc ctctctgtc ctttcttggc cttgttcctt 660
 tttctttttt gtacgcttac gttcctcttt cttagagact acatctcggc tttttttctc 720

ctttcgattc	ttaagctttt	ctgtactgac	atgtacgggt	tctattttcca	cctctgtttt	780
ctttccttgg	atgctcttgt	gtttgtctaa	gtcaatttcc	tcgcagcttt	tttttctctt	840
atgcttagac	cgctcctcct	ctgatttttc	tctgccttcc	tctgggtgcc	ttttcctctt	900
ctgatgtatc	tgtttgtgac	tggcttgatg	agtactggta	ctgttatctg	aggagaagtg	960
cttgtaaact	ctatgttcta	caccatgtga	gccacaaata	tattcttggt	gattaaagt	1020
caggggtact	ggtttttctg	agaaacagtc	cctcgtgaac	tgacagtagc	tcagagagtc	1080
tagtctcaat	ctgctgtcat	gggctggtaa	ccactgaggc	aaccgatttt	ccactgtttg	1140
tggaatattg	catgatcttg	ggtaggtctg	gatggtttca	gatgggagtc	tctggtcaaa	1200
cattctatac	gtgggtctgg	aattaacctc	tcctttgtac	ccacaggttt	ccaaatagtc	1260
ccctttcatc	tttctgaaac	aagtctttgg	ctctaagcct	ctggctttct	gtactttaat	1320
ataatcttca	agttcatctt	gaaaagagtc	atatgtcttc	tttgaatgct	tcattagggt	1380
gacaaaacgg	gatttttcctt	atcaggctga	gaatttggtg	gagaaatctg	atcatattca	1440
ctcagttttt	cagcatgaat	tttcaaatac	tgagactaca	caataactgg	tgagctcata	1500
atgcaaaatc	ctttgtttatt	tgaactgtaa	cactactcca	cagacatctt	ttataaaagg	1560
tatctgtaaa	caaagttcag	tctttgttca	ttcaatgtgg	tatcttctct	gaggcagggg	1620
cgggcgtcta	caactactgt	ccccacccc	gccaacgccg	ccagccaggg	gataagccgc	1680
ggtggagacc	attctgatgt	tggacgtgtc	c			1711

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<210> 1729
<211> 762
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(764)
<223> similar to gil212992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1729	
atccaacctg	aaacctggag tcaattacta cttccgggta tctgctgtaa actgtgctgg 60
acaaggagaa	cctatagaaa tgaatgaacc tgtacaagct aaagatatac ttgaggcacc 120
agagattgac	ctggatgtgg ctctcagaac ttctgttatt gccaaagctg gtgaagatgt 180
acaagtgttg	attcccttta aaggcagacc tccacctact gtcacatgga gaaaagatga 240
gaagaatctt	ggcagtgatg ccagatacag cattgaaaac actgattcat cctcattact 300
caccattcct	caagttactc gcaatgatac aggaaaatat attctcacia tacaacatgg 360
agttggtgaa	cctaagtctt caactgtgag tgttaaagtg cttgacacac cagctgcctg 420
ccagaaacta	caggttaaac atgtttctcg aggcacagtc actttgctct gggatcctcc 480
tctcattgat	ggaggatctc caataattaa ttatgtcatt gaaaagagag atgccaccaa 540
gagaacatgg	tctgtcgtgt cacacaaatg ttctagcaca tccttcaagc taatagattt 600
gtcggagaag	actccattct tcttcagagt tcttgacaga aatgaaattg gaattgggga 660
accctgtgaa	actacagagc cagtgaaggc tgctgaagta ccagctccta tacgtgatct 720
ctcaatgaaa	gactcaacaa agacatctgt catcctcagc tg 762

```

<210> 1730
<211> 844

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3)...(847)
 <223> similar to gil017427 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1730

cttctcagag	gtgtaatata	actacgactg	aaaaatcggc	aatcctggaa	attccaagta	60
gcacagtaga	ggatgcagga	caatacaact	gctacattga	aaatgcctct	ggaaaagatt	120
cctgttcagc	acaaatactc	atactagaac	caccgtatth	tgtcaagcag	ttggagccgg	180
ttaaggtgtc	tgttgagat	tctgcctctc	tacaatgcc	gcttgctgga	accctgaaa	240
ttggggatc	ctggtataaa	ggagatacaa	aattgagacc	cactacgact	tacaaaatgc	300
attttaggaa	taatgttgct	acactggth	tcaaccaggt	tgatattaat	gatagtggag	360
aataatctg	caaagctgaa	aacagcgtgg	gagaagth	tgcatcaact	ttccttaccg	420
ttcaagagca	aaaacttcca	ccatcatth	ctcgacaatt	gagagatgtt	caaggaacag	480
ttggactgcc	agttgtth	gattgtgcca	taagtggatc	agaacctatc	tccgtgtctt	540
ggtataaaga	cggcaagcca	ttgaaagaca	gccc aaatgt	acaaacatca	tttttagaca	600
atacagccac	actcaatatt	tttaaaactg	accggagcct	tgcaaggccag	tattcctgca	660
cagctacaaa	ccctataggc	tctgcttctt	ccagtgccag	gctcattctc	acagagggga	720
agaaccacc	cttctttgac	atccgtcttg	cccctgtgga	tgctgtggtg	ggagaaagtg	780
ctgactttga	gtgccacgtc	acgggcacac	aaccgataaa	ggtcagctgg	gccc aaagaca	840
gcat						844

<210> 1731
 <211> 1404
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (110)...(1061)
 <223> similar to gi3874886 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1731

gcgccacgcg	cggcctggcg	gcggcggcc	ctctaaccag	cgcaaaatgt	ccctggaaca	60
ggaggaggaa	acgcaacctg	ggcggtctct	aggacgcaga	gacgccgtcc	ccgccttcat	120
tgagcccaac	gtgcgttct	ggatcaccca	gcgccaatcc	tttattcgac	gatttcttca	180
atggacagaa	ttattagatc	ctacaaatgt	gttcatttca	gttgaaagta	tagaaaactc	240
gaggcaacta	ttgtgcacaa	atgaagatgt	ttccagccct	gcctcggcgg	accaaaggat	300
acaggaagct	tggaagcggg	gtcttgcaac	agtgcattcc	gacagcagca	acctgatccc	360
caagctth	cgacctgcag	cgthcctgcc	tttcatggcg	cccacggtat	ttttgtcaat	420
gacgccactg	aaagggatca	agtcctgtat	tttacctcag	gttttctct	gtgcctacat	480
ggcagcgttc	aacagcatca	atggaaacag	aagttacact	tgtaagccac	tagaaagatc	540

attactaatg	gcgggagccg	ttgcttcttc	aactttctta	ggagtaatcc	ctcagtttgt	600
ccagatgaag	tatggcctga	ctggcccttg	gattaaaaga	ctcttacctg	tgatcttcct	660
cgtgcaagcc	agtggaatga	atgtctacat	gtcccgaagt	cttgaatcca	ttaaggggat	720
tgcggtcatg	gacaaggaag	gcaatgtcct	gggtcattcc	agaattgctg	ggacaaaggc	780
tgttagagaa	acgctagcat	ccagaatagt	gctgtttggg	acctcagctc	tgattcctga	840
agtcttcacc	tactttttta	aaaggaccca	gtatttcagg	aaaaacccag	ggtcattgtg	900
gattttgaaa	ctgtcttgta	ctgtcctggc	aatgggactg	atggtgccat	tttcttttag	960
tatattttcca	cagattggac	agatacagta	ctgtagtctt	gaagagaaaa	ttcagtctcc	1020
aacagaagaa	acagaaatct	tttatcacag	aggggtgtag	gccgtgagtt	ttaggtgaat	1080
ttatgtgggt	ccctgcttga	aaaccttccc	cctctcccag	gttcggttta	gagaactttg	1140
cccacaggtc	ttctggggac	cccagagggtg	tctgtgctga	caaggcgact	tcagattcca	1200
tactgagatc	gttcccaggc	tggcgtctct	ggggttttta	aggctggctg	gagaagacag	1260
tgggaagggg	gccccgtctg	acacccttgg	ggttgctgag	ggaacggttg	gagtggggat	1320
cggcctgcga	aaggatactg	tgaaatcact	aattaactaa	taaacctgtc	tcaagttgag	1380
gatttgaaga	aaaaaaaaaa	aaag				1404

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<210> 1732
<211> 562
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(565)
<223> similar to gi312142 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1732	
cccacgcgtc	cgggagattg gaagtcttct ataacgggac ctggggcagc gtcggcagga 60
ggaacatcac	cacagccata gcaggcattg tgtgcaggca gctgggctgt ggggagaatg 120
gagttgtcag	cctcgcccct ttatctaaga caggctcttg tttcatgtgg gtggatgaca 180
ttcagtgtcc	taaaacgcat atctccatat ggcagtgcct gtctgccccca tgggagcgaa 240
gaatctccag	cccagcagaa gagacctgga tcacatgtga agatagaata agagtgcgtg 300
gaggagacac	cgagtgtctct gggagagtgg agatctggca cgcaggctcc tggggcacag 360
tgtgtgatga	ctcctgggac ctggccgagg cggaagtggg gtgtcagcag ctgggctgtg 420
gctctgctct	ggctgccctg agggacgctt cgtttggccca gggaactgga accatctggt 480
tggatgacat	gcggtgcaaa ggaaatgagt catttctatg ggactgtcac gccaaaccct 540
ggggacagag	tgactgtgga ca 562

```

<210> 1733
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (79)...(490)
 <223> similar to gi5019275 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1733
 cccacgcgtc cgccacgcg tccgccctcc ctgaactttc cagcctttca ctttaacttc 60
 ctggagctct aatttctcct tctcagatca gcatccccag aacacacctg tgttaagtca 120
 aagaccttgg acccaatggg catcttcttc accagtggga ccacaggctt cccaagatg 180
 gcaaaacact cccatgggtt ggccttaca ccctccttcc caggaagtag gaaattacgg 240
 agcctgaaga catctgatgt ctctgggtgc ctgtcggact caggatggat tgtggctacc 300
 atttggaccc tggtagaacc atggacagcg ggttgtacag tctttatcca ccatctgcca 360
 cagtttgaca ccaaggatcat catacagaca ttggtgaaat accccattaa ccacttttgg 420
 ggggtatcat ctatatatcg aatgattctg cagcaggatt tcaccagcat caggttccct 480
 gccctggag 489

<210> 1734
 <211> 738
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(483)
 <223> similar to gi3327168 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1734
 cttggtatgt ggtgccccca gaacatggcc agcgcctgga acgcctggcc agggagctct 60
 tcccaggcag tccccggggt tgtggggcct tcctgcggca caaggaggcc ctcatctcgc 120
 ctacagttct caaggaaaat gggattccct tcaatcgcat aactcaggag gctggagagt 180
 tcatggtgac ctttccctat ggctaccatg ctggcttcaa ccatggtttc aactgcgcag 240
 aggccatcaa ttttgccact ccgcgatgga ttgattatgg caaaatggcc tcccagtgtg 300
 gctgtgggga ggcaagggtg accttttcca tggatgcctt cgtgcgcata ctgcaacctg 360
 aacgctatga cctgtggaaa cgtgggcaag accgggcagt tgtggaccac atggagccca 420
 gggtagcagc cagccaagag ctgagcacc cagaaggaagt ccagttaccc aggagagcag 480
 cgctgggcct gagacaactc ccttcccact gggcccggca ttccccttgg cctatggctg 540
 cccgcagtgg gacacgggtg cacacccttg tgtgctcttc actcccacgc cgatctgcag 600
 ttagtggcac tgctacgcag ccccgggctg ctgctgtcca cagctctaag aagcccagct 660
 caactccatc atccaccctt ggtccatctg cacagattat ccaccggga aaaggcagac 720
 gtggtcgggg tcgcctcc 738

<210> 1735
 <211> 689

00000000000000000000

```
<210> 1736
<211> 383
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(378)
<223> similar to gi5262560 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1033

<210> 1737
 <211> 517
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (294)...(520)
 <223> similar to gi458399 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1737
 catccccctt cattcaatcc tgtagcaact ggcagtgaca agtggtgccc aggacaggga 60
 catgagcaaaa gaaggctctgc tggagcagag aaagtgaaac tgaccagatg agcaagaaac 120
 cttgggacaa gtctactggc agctaataata agcacatacc aagggttacca gcactcgggg 180
 aagcaaggac ggaagaagaa aagaggatgc tctttctccc tcatgtaccc caggatatctg 240
 ctagaaagag aagagaacta gggacacctg ccaccctctt cctaggttct gtggatggaa 300
 agagaccaaaa tacttttagca tccaatactc agctgtacaa gtggatatcc cagaatgacc 360
 ttcttggtca tccaaaaact aaatctttta tgactcatgg ggaaaccagt ggcatctatg 420
 aggcaatcta ccatgggatc cctatggtgg gcattccttt gtttgcagat caacctgata 480
 acattgctca catgaaggcc ctcaatgtgg acatcag 517

<210> 1738
 <211> 421
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(149)
 <223> similar to gil89036 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1738
 caggcctgct gcaggggcta cctggccagg aaagcatttg ccaagcggca gcagcagctt 60
 accgccatga aggtcctcca gcggaactgc gctgcctacc tgaagctgcg gaactggcag 120
 tggaggcggc tcttcaccaa ggtgcgtgct aagaagggcc tctgagtag ctgggactac 180
 ggggtgcacac caccatacat acctggctaa ttgtttgtat tttttgtagg aggtgtggtc 240
 tcacatggtt cgcccagggtt gggtcacaaa ctcttggggc tccagcaatc ctccttacct 300
 tcagccttcc caaagtgtcg ggaattacag ggcatggagc cactggtggc ccggcccttt 360
 ttgcattttt agtaggagac aaggctcttca ctatttttgc ccagggttgac ctttcctggg 420
 g 421

<210> 1739
 <211> 541
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(513)
 <223> similar to gil212992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1739
 catgggctca gcctcagcca ccatcagagt acagatcctt gacaaaccag gccacactgg 60
 aggaccaatt gaatttaaga ctgtaactgc tgagaagatc acccttctct ggcggcctcc 120
 agctgatgat ggtggtgcaa aaatcactca ctacattgtg gaaaagcgtg agacaagccg 180
 cgttgtgtgg tctatggtgt ctgaacattt ggaagagtgc atcattacaa ccacaaaaat 240
 tatcaaagga aatgaatata tcttccgggt ccgagccgtg aacaaatatg gaattggcga 300
 gccactggaa tctgattccg ttgtagccaa gaacgcattt gttacacctg ggccaccagg 360
 cataccagaa gtgacaaaga ttaccaagaa ttcatgact gttgtatgga gcaggccaat 420
 tgcagatggc ggtagtgata taagtggcta tttccttgaa aaacgagaca agaagagcct 480
 aggatggttt aaagtactaa aagagacgat cctggaagct gggcttcgga agcgtccagc 540
 t 541

<210> 1740
 <211> 333
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(330)
 <223> similar to gil439625 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1740
 agctgacgtg gtctgcctgt tattggagag atatattaag aatccagttg tggattgcag 60
 ctgatattct tttgcgaatg cttgaaaaag cacttcttta tagtgaacac cagaacatca 120
 gcaacactgg actgtcatcc caaggcttat tgatatttgc ggagttgatt cctgccatta 180
 agaggacgtt ggctgcctt ctcgtgatca ttgcgagcct ggactatggc attgagaaac 240
 ctcatctagg aacaggcatg caccgtgtga tcggactgat gcttctatac ttaatctttg 300
 caaatgctga aagcgtgatt agagtcattg ggg 333

<210> 1741

<211> 358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (107)...(360)
 <223> similar to gi38522 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1741
 gtgcagtgtc ccttttagcag tcattaactc acagtgagtt atcaatgggt gttagttctc 60
 tgtgggtctg acaacttagt atagtgtgaaa gagtgctggc ctgtggctga acatgctgga 120
 gaagagcttg cctggccaca gggacacagc cacgcagatc cagcatgtgt ctcccatgtg 180
 ccaagtggag cccccagcca agaaggcagc cacactagca gaggggtgaca aggacaatga 240
 cattgacctg tttgtcagcg acaatgagga ggaagacaag gaggcagccc ggctgtggga 300
 gaagtggctg aggtggtatg tggagaagaa ggccaagaag actgcgttgg tgggtcaag 358

<210> 1742
 <211> 1552
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (756)...(1525)
 <223> similar to gil747 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1742
 atgaaccatc caaatctggt aatcaagata cctgtagtcc ttttccaggg atgctctttg 60
 gaggtgaaga tcgaggaact tattcagaga aggaaagaga aatccagtct agactgggtg 120
 gaacaaatgg ctgagcaaca gaggagcaag agacgagaaa aagatctaga actcagggtt 180
 gcagcgtctg gagcacaaga ccctgagaaa tcgtggaatg aattactcac atcattgcag 240
 ttaagtaagg aggagcctga tagactaaag cagtttagtg tggcaccaag acactttgaa 300
 gagatgatac cacctgaaag acccagaata gctttccaga cacctctccc gcctttatct 360
 gccccatctg tcccacccat cccatcagtt catcctgttc cttctcaaaa tgaagatttg 420
 cgcagtggac tcagccagcg cccttggtga aagggcgtct cccaggattg cacctctgcc 480
 tatcacctcc cctactacca cctttggcta ctaactatcg aactccttat gatgatgcat 540
 actatTTTTa tggggccagg aatactttcg atcccagtct tgcttattat ggttcaggaa 600
 tgatgggcgt acagcctgca gcttatgtta gtgctcctgt caccaccaa ctagcacaac 660
 ctgttgtgaa tacggttgga cagaatgaac tgaagattac aagtgatcaa gtgataaatt 720
 caggattgat ttttgaagat aaaccgaaac cttccaaaca gtcacttcag tcttaccaag 780
 aggctttgca gcagcagatt cgggaaagag aagaaagaag gaagaaagaa cgtgaagaaa 840
 aagaagaata tgaagctaaa ttagaagctg aaatgagaac atataatccc tggggaaaag 900
 gtggagggtg tgctcctctc agggatgcaa aaggaaatct gataactgat ttgaatagga 960
 tgcacagaca aaatatagat gcctaccata acccagatgc aagaacatat gaagataaaa 1020

<223> similar to gill136422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1744

gcgcccacgc	gtccgggtctt	tcccacactg	caggatctgt	cttcttctaa	agaaccttct	60
aattccctaa	acttacctca	cagtaatgag	ctgtgttcat	cccttgtgca	tcccgaattg	120
agtgagggtca	gttctaactg	tgcaccaagc	atccctccag	taatgtcaag	acctgttagc	180
tcttctctca	tttccactcc	cttgccccc	aatcaaataa	ctgtatttgt	cacttccaat	240
cccatcacia	cttcagctaa	cacatcagca	gctttgcaa	ctcacttgca	gtctgcattg	300
atgtcaacag	ttgtcacaat	gcccgaatgcg	ggtagcaagg	ttatgggttc	tgagggacag	360
tcagctgctc	agtctaatagc	ccggcctcag	ttcattacac	ctgtctttat	caattcatcc	420
tcaataattc	aggttatgaa	aggatcacag	ccaagcacia	ttcctgcagc	cccactgaca	480
accaactctg	gcctgatgcc	tccctctgtt	gcagttgttg	gccctttaca	catacctcag	540
aacataaaat	tttcttctgc	tctgtaccg	cctaatagcc	tctccagtag	tcctgctcca	600
aacatccaga	caggctgacc	tttggtcctt	agctcacgag	ccacccctgt	tcagcttcct	660
tccctctctt	gtacgtcttc	tccagttgtc	ccttctcatc	cccctgtgca	gcaagtga	720
gaattgaatc	cagatgaggc	tagccctcag	gtgaacacct	cagcagatca	gaacactctt	780
ccctcttcac	agtcaaccac	aatgggtttct	ccccttttga	ccaatagtcc	agggtcctct	840
ggcaaccggc	gaagcccagt	ctcgtctagt	aaggggcaaag	gaaaagtgga	caaaattggc	900
caaattttgt	tgaccaaggc	atgtaagaaa	gttacaggct	ctcttgagaa	aggggaagaa	960
caatatggtg	cagatggaga	gactgaaggc	caagggtctag	acaccacagc	tccggggctc	1020
atgggaacag	agcagttatc	cacagagctg	gacagtaaaa	ccccaacgcc	cccagcaccc	1080
actctgctaa	aaatgacctc	tagccctgtg	ggcccgggca	ctgcctcagc	aggacccagc	1140
ttacctggcg	gtgctctccc	caccagtgtg	cgctcgatag	taaccactct	ggtaccctcc	1200
gagctcatct	ccgccgtacc	gaccacaaaa	agcaatcatg	gtggcatagc	atctgagtca	1260
cttgccggg						1269

<210> 1745

<211> 1276

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (35)...(1158)

<223> similar to gi2649562 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1745

tctacagcag	ggtatacagg	aacgagacag	tcaaattaag	atgctcaccg	aacaagtaga	60
acaatataca	aaagaaatgg	aaaagaatac	ttgtattatt	gaagatttga	aaaatgagct	120
caaagaaac	aaagggtgctt	caaccctttc	tcaacagact	catatgaaaa	ttcagtcac	180
gtagacatt	ttaaaagaga	aaactaaaga	ggctgagaga	acagctgaac	tggtgaggc	240
tgatgctagg	gaaaaggata	agaattagt	tgaggctctg	aagaggttaa	aagattatga	300
atcgggagta	tatggtttag	aagatgctgt	cgttgaaata	agaattgta	aaaaccaa	360
taaaataaga	gatcgagaga	ttgaaatatt	aacaaaggaa	atcaataaac	ttgaattgaa	420
gatcagtgat	ttccttgatg	aaaatgaggc	acttagagag	cgtgtgggcc	ttgaaccaa	480

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gacaatgatt gatttaactg aatttagaaa tagcaaacac ttaaaacagc agcagtacag 540
agctgaaaac cagattcttt tgaaagagat tgaaagtcta gaggaagaac gacttgatct 600
gaaaaaaaaa attcgtcaaa tggctcaaga aagaggaaaa agaagtgcaa cttcaggatt 660
aaccactgag gacctgaacc taactgaaaa catttctcaa ggagatagaa taagtgaag 720
aaaattggat ttattgagcc tcaaaaatat gagtgaagca caatcaaaga atgaatttct 780
ttcaagagaa ctaattgaaa aagaaagaga tttagaaaagg agtaggacag tgatagccaa 840
atttcagaat aaattaaaaag aattagttga agaaaataag caacttgaag aaggtatgaa 900
agaaatattg caagcaatta aggaaatgca gaaagatcct gatgttaaag gaggagaaac 960
atctctaatt atccctagcc ttgaaagact agttaatgct atagaatcaa agaatgcaga 1020
aggaatcttt gatgcgagtc tgcatttgaa agcccaagtt gatcagctta ccggaagaaa 1080
tgaagaatta agacaggagc tcagggaatc tcggaaagag gctataaatt attcacagca 1140
gttggaacaa gctaatttaa agatagacca tcttgaaaaa gaaactagtc ttttacgaca 1200
atcagaagga tcgaatgttg tttttaaagg aattgactta cctgatggga tagcccatc 1260
tagtgccagt atcatt 1276

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<210> 1746
<211> 951
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(952)
<223> similar to gi5262588 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1746
ggaggcagga gggactaac ctccgaagcc agactctgtt atgtgtgctc agggagtgtg 60
gagcggctgg tggagtgtg ggcaaaatgc caccaggctt tgtcccccac ggctctgcag 120
gacctgatgg agaaggtgat gggtcttaac aggagcttgg agcaactgcg gggtcctcat 180
ggggtgagcc caggccctgc cacaacctac agggtcactc agtatgcaa cctcctggca 240
gcccagggca gcctggccac tgccatgagc tttctacca gggactgtgc tcagccacca 300
gttcagcagc taagagatcg gctttttcat gctcaagggt ctgctgtctt gggccaacag 360
tctccccctt tccccctccc ccggattgtt gtgggagcta ccctccactc taaagagaca 420
tcatcttaca gattgggatc ccagccttct caccagggtc caactccatc tccaaggcca 480
agggttttca cccctcagtc atcaccagcg atgcccttgg caccttccca tcctagccct 540
tatcaggggtc ccaggacaca gaataaagt gactacaggg cacctgggccc ccaggccatc 600
cagcctttgc ctttgagccc tggggtaagg cctggacctc aagattcctg gaaagaagcc 660
ccagccccc cgggaaacct ccagaggaac aagctgccag agacatttat gccccagca 720
ccaattactg ctccagttat ggcctcacc cctgagctac aagggtattt tccctcacag 780
ccccctgtct ccagtgtgag tcatgtctcc ccaggagttc caggagaact cagcctgcag 840
cttcagcacc tgccacctga gaagatggaa aggaaggagc tgccccaga gcatcagtc 900
ttgaagagca gctttgaggc gcttctccaa cgctgtctcc tgtctgcaac t 951

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```

<210> 1747
<211> 414

```

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (210)...(417)
 <223> similar to gi2734081 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1747
 gcgagcatgc atcacatcag aagggctcat tgccttcattg aacgacaatc gagtgggttag 60
 aaccaaagat atgtttatca aaccactata aaaatggagc tgaccagccc ttgcaactg 120
 atcagagtaa gccggtggca gtcccagaag agcagcctgt tgcagaatct ggactattag 180
 cgagggagcc tgaagaaata aatgcagatg atgagataga ggatacatgt gaccacaaag 240
 aggatgacct gggagctgta gaagaacaac gtagtgatc cctacatctc ttgtcacagc 300
 ttaagctggg catggattta acaagagtgg tgcttcctac atttatccta gagaagcggt 360
 ccttgctgga aatgtatgca gactttatgt ctcattccaga cctattttata gccca 414

<210> 1748
 <211> 134
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(136)
 <223> similar to gi3002527 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1748
 tttttttttt gagatggagt ctcgctctgc tgcccaggct ggagtgcagt ggtgcaatct 60
 tggtcactg caagctctgc ctcccagggt caccgcatc tcctgcctca gcctcccag 120
 tagctgggac taca 134

<210> 1749
 <211> 12
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(13)
 <223> similar to gi3873837 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1749
gtaaaaaaaa aa 12

<210> 1750
<211> 504
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (193)...(319)
<223> similar to gi5689515 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1750
cggacgcgtg ggattttgaa cctaccagca aggaagagag ttgaacaatt tgcccatagt 60
catgcagatt taggactgtg ccagagaccc cagcaacctg ctccctagct caggtagcctt 120
ccttccaggc tcttggtacc actctcagag tggactccca gatgtggggg aggggtttct 180
gaaacttaaa atcatcgagt ttcccttcgt tttctctctt gtgcagcccg atatcagaat 240
gaattagctg gcgtagatac cgagctgcta gccgagagat ttactacca agccctgtca 300
gtagctcctc agattggtaa gttgtcccca acttgggcct ctgaatccag tagggtttct 360
ctaggggaaga cgatgttggt gagatggcag gcagttcata ctatttttcc ccagctcctc 420
ttcattctca gctctctcgt acttcacctt gtttatacct tttccctctt gtaacacact 480
cagaaaatgg tggaagggga agat 504

<210> 1751
<211> 839
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (239)...(592)
<223> similar to gi5531827 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1751
cctgagcccg gcgagcagga gaggaggtct tccgggccgc ggcctccgag cgcgcgggat 60

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ttgcagaact taatatgaat gtgaagaact tgcaaagaaa cttgaaaaca gccaaagggga 120
tggcatatca agaaataaat tggccttggc agaattgtat gaagatgaag tgaagtgcaa 180
atcttccaag tctaatagac ctaaagccac agtcttcaag agcccacgga caccacctca 240
acggttttac tcaagtgaac atgaatacag tggattaaat atagtctgac cttcaactgg 300
gaaaattgtg aatgaacttt tcaaagaggc aagggaacat ggggctgtcc ctctgaatga 360
agccacaaga gcttcagggtg atgataaatc taagtcattt acagggtggag gatacagatt 420
gggtagttct ttttgtaagc ggtctgaata tatctatgga gaaaatcagc tgcaagatgt 480
tcagattttg cttaaaactgt ggagcaatgg tttcagttta gatgatggag aattgagacc 540
ttacaatgaa ccaacaaatg ctcaatttct ggagtctgtt aagagagggg tgactctcat 600
tgcatgtatg cctgaaattc agcaacttat gttagaaatc ttttaatgtg gcattactgc 660
tggcagaaga tttcaaaagg ttagtttgaa gttataattt gtgaaagtaa actcagatat 720
tcagtgtctc caccatcca aagaacattg taacttacca gctcttcttg ctaaaggatg 780
aggaatcaag tgattttgct atgataataa aagcttttct gtgttatgat taaaaaaaa 839

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<210> 1752
<211> 489
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (42)...(417)
<223> similar to gi4966270 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1752
ttgtcacctc attacgccaa gcttggggaa gggaactact tcagtttgat cacgggcagt 60
caaatccaac ttactacatc aggtctggcta atcgtgatct agttctgagg aagaagcccc 120
cagggacact ccttccatct gcccatgcca tagagaggga gttcaggatt atgaaagccc 180
ttgcaaatgc tggagtacct gtccctaacg ttcttgatct ctgtgaagat tcaagtgtca 240
ttggcacccc cttctatgtg atggagtact gcccaggctc catctacaaa gacccttccc 300
tgccaggctt ggagcccagc cacagacgag ccatatacac tgccatgaac acagtcctgt 360
gcaaaattca cagtgtggat ctgcaggctg tgggacttga agactatggg aagcaaggct 420
cgacaacctg ggtgtttcat ccagaagagc cagagggtgct ttgctgttcc ttgactggga 480
actttctac 489

```

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<210> 1753
<211> 562
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(564)
<223> similar to gi488551 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 1753
tgggaaagac tttcgccacc aacatacact gtttgagcac cagaaaatcc acacagagga    60
aaggccttat gagtgcagtg aatgtggcac attgtttagg tacaactccg accttattaa    120
acatcagcga aatcatactg gagaaaggcc ttataagtgt agtgaatgtg gaaaagcctt    180
cagcctcaaa tacaatgttg ttcaacacca gaaaattcac actggagaaa ggccttatga    240
gtgcagtga tgtgggaaag cttttcttag aaagtctcac ctacttcagc accagaggat    300
tcacaccagg ccaaggcctt atgtgtgtag tgaatgtggg aaggccttcc ttacacaggc    360
tcaccttggt ggtcaccaga aaattcatac tggagaacgg ccttatggat gcaatgaatg    420
tgggaaatac tttatgtaca gttcagcact cattagacat cagaaagttc aactggaga    480
aaggcctttt tattgctgtg aatgtgggaa attctttatg gacagctgca cactcattat    540
tcaccagaga gttcatactg gg                                562

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```

<210> 1754
<211> 841
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (59)...(828)
<223> similar to gi3878112 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1754
tgtctataac caagaccctg tagttacctc tagatttagg gtgaagctga cactacaggg    60
cctggaggaa gatgacgatg atagggtatc tcccactgta ctccacaaaa tgtccaatag    120
cttgagagata tccttaataa gcgacaatga gttcaagtgc aggcattcac agccggagtg    180
tggatatggc ttgcagcctg atcgttggac agagtacagc atacagacga tggaaaccaga    240
taacctggaa ctaatctttg attttttcga agaagatctc agtgagcacg tagttcaggg    300
tgatgccctt cctggacatg tgggtacagc ttgtctctta tcatccacca ttgctgagag    360
tggaaagagt gctggaattc ttactcttcc catcatgagc agaaattccc ggaaaacaat    420
aggcaaagtg agagttgact atataattat taagccatta ccaggataca gttgtgacat    480
gaaatcttca ttttccaagt attggaagcc aagaatacca ttggatgttg gccatcgagg    540
tgcaggaaac tctacaacaa ctgcccagct ggctaaagtt caagaaaata ctattgcttc    600
tttaagaaat gctgctagtc atggtgcagc ctttgtagaa tttgacgtac acctttcaaa    660
ggactttgtg cccgtggtat atcatgatct tacctgttgt ttgactatga aaaagaaatt    720
tgatgctgat ccagttgaat tatttgaaat tccagtaaaa gaattaacat ttgaccaact    780
ccagttgtta aagctcactc atgtgactgc actgaaatct aaggatcgga aagaatctgt    840
g                                                    841

```

```

<210> 1755
<211> 1256

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (179)...(1219)
 <223> similar to gi861392 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1755

ctcgatcacc	tgatggccct	gcggcgagc	tcccgggttg	acccacgcgt	ccgagcggat	60
gttcactctc	acgacatga	ttcaagctct	tgcacctgtt	atgggatggg	acaggaagcc	120
actgaagatg	ttttcatcag	aagagatgag	aggacatctt	catcatcatc	ataaatgtct	180
gacgaagatc	ctgaagggtg	aggggcaggt	tccagatctg	ccatcctgcc	tgcccctgac	240
tgacaacacc	cgcgatgctg	cctctatcct	catcaacatg	ctctatgatg	acctgcgctg	300
tgacccggag	cgcgatcact	tccgcaagat	ctgtgaggaa	tatatcacgg	gcaagtttga	360
cccccaggac	atggacaaga	acttgaatgc	catccagaca	gtgtcaggga	tcctgcaggg	420
cccctttgac	ctgggcaacc	agctgctggg	actgaaaggt	gtgatggaga	tgatggtggc	480
actatgtggc	tcagagcgcg	agacggacca	gctggtggcc	gtggaggccc	tcattccatgc	540
ctccacgaag	ctcagccgcg	ccaccttcat	catcaccaat	ggagtgtcac	tgctcaaaca	600
gatctacaag	accaccaaaa	atgagaagat	caagatccgc	acactggtgg	gactctgtaa	660
gctcggctct	gcaggtggca	cagactacgg	tctcaggcag	tttgcggaag	ggtcgacaga	720
aaaactggcc	aaacagtgtc	gcaagtggct	gtgcaatatg	tccatagaca	ctcggacccg	780
acgctgggca	gtggaggggc	tggcctacct	cacgctggac	gctgatgtga	aggacgactt	840
tgtccaggac	gtcccctgcc	tgcaggccat	gtttgagctg	gccaagacca	gtgacaagac	900
catcctgtac	tcggtggcca	ccaccctggt	gaactgcacc	aacagctacg	atgtcaagga	960
ggtcatccca	gagcttgtcc	agctcgccaa	gttctccaag	cagcatgtgc	ccgaggaaca	1020
ccccaaaggac	aagaaggact	ttatagacat	gcgggtgaag	cggcttctga	aggcgggtgt	1080
catctctgcc	ctggcttgca	tggtgaaagc	agatagtgcc	atcctcactg	accagaccaa	1140
ggagctgctg	gccagggtat	tcctggcact	gtgtgacaac	ccaaaggacc	gaggcaccat	1200
tgtggctcaa	ggtggtggca	aggccctgat	tcccctggct	ttggagggca	cagatg	1256

<210> 1756
 <211> 659
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(589)
 <223> similar to gi3875774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1756

acttttctaag	gcaatcggtc	tttgttttcg	actacacttc	acaaaagata	atattacaaa	60
taatacagct	gctgctacag	tgcgacaagt	tgttactgtt	gtttttgaga	ggatggttgc	120
tgaagatgaa	cgacacagag	atattataga	acaaccagta	ctggtacaag	gaaatagtaa	180

cagaagatct	gtcagtagcc	tcaaaccttg	tgctaaagat	gcataatgc	ttttccagga	240
tctttgtcag	ttgggttaatg	ctgatgctcc	ttattggcta	gtgggcatga	cagaaatgac	300
tcggacgttt	ggcctcgaat	tacttgagtc	agtcctcaat	gattttccgc	aggtcttttt	360
acaacaccaa	gaatttagtt	tcctcctcaa	agaaagggtg	tgctcctctg	tgataaagct	420
cttttctcca	aatataaagt	tcagacaagg	ttccagcacc	tcattcttctc	cagcaccagt	480
tgaaaaacca	tattttccta	tctgcatgcg	tttgctgaga	gtagtatctg	ttctgattaa	540
gcagttttac	agtcttttgg	taagtgcctg	tttccttatg	tattttgtgtg	tataggtgca	600
tggtgcgccc	tttgtaaaaa	gtgggtctgtt	gcagcgcatt	tagttctttc	aattcaacc	659

<210> 1757
 <211> 1129
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (60)...(784)
 <223> similar to gi4008372 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1757						
cggacgcgtg	ggcggacgcg	tgggatcggt	ttgtggctga	tttcaaagcc	cagggggccac	60
ctaagcccaa	cactgatgaa	gggggtgccc	tgctccccag	ctgcgccgac	ctctttgtct	120
actacaagaa	gtgcatgggtg	caatgctctc	agctcagtac	tggggagccc	atgatcgccc	180
tgaccaccat	tttccagaag	tacctccgag	aatacgccctg	gaaaatcctc	tctggcaacc	240
tgcccaaaac	cacaaccagc	agtggaggac	tgactatcag	cagcctcctc	aaggaaaagg	300
agggtcaga	agtagccaag	ttcactcttg	aggagctctg	cctcatctgt	aacatcctga	360
gcacggcaga	gtactgtctg	gccaccaccc	agcagctaga	agaaaaactc	aaagaaaaag	420
tggtatgtaag	tctgattgaa	cgaatcaatc	tgactggaga	gatggacacg	ttcagcaccg	480
tcattctccag	cagtattcag	ctgctgggtc	aggatctgga	tgctgcctgt	gacccctgcc	540
tgactgccat	gagcaagatg	cagtggcaga	acgtggagca	cggttggtgac	cagagcccct	600
acgtcacctc	tgctattctg	cacatcaagc	agaacgtccc	catcatccgt	gacaacctgg	660
cttccacacg	caagtacttc	actcagttct	gcgttaaatt	tgcaaactcc	ttcattccca	720
aattcatcac	ccacctcttc	aagtgcgaagc	caattagcat	ggtgggagca	gaacagggtga	780
gatggacgta	gtatcaggca	tttgccctggc	agcttttggt	gtagatcaag	cacatattct	840
tctagtccag	atctacttgg	caggaataaa	attgatgatg	ttccctgttt	ggggacagta	900
taatgactca	cccgggaagg	ttcttaattc	gttcttccat	ttatttttaa	aaattttggt	960
tgaacgccta	ctaagttctg	ggtgcagggt	ataacacagc	aagcaccatg	gaaagggtccc	1020
tggtctcctag	tgctcacact	ccaataagaa	gaagtggctg	ggcggggcac	agcgggcttc	1080
acgctgtaaa	ccccagcatt	tcgggaggcc	tgggcaggca	gatcacctc		1129

<210> 1758
 <211> 837
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (162)...(531)
 <223> similar to gi4468812 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1758

cccacgcgctc	cgctggaagc	tttaaggacc	actgggctaa	aaatttgctt	ttcctcatag	60
aagactacga	agagcagcca	gggttgcaac	cccacataaa	agatgtgtta	catcagaatt	120
ttgagagtta	taagcctgaa	gtacaggagc	tgatttgtgt	ggctgatcgt	ttgggatccc	180
tgatgcaata	tgaaacacct	ggtttcctgc	caaacaagag	aatacacaga	gctatgggtt	240
tggccgcatt	ggaggtcatg	caagccgtgc	agcgtacatg	gaccaactcg	aaagttcgaa	300
tgaatgggaa	gacacggttg	atgcagtggg	gagacatggt	tgacattgca	gttaaattgga	360
gaaggattgc	tgacccagac	cagcccgtgc	tgtgggttaga	tcaaattgcca	gcacgaagtc	420
ttagcagagg	ttttaacaac	cacattaatt	taatcagggg	tcaggtgatc	aacatgagat	480
acctagaata	ttttgagaaa	atacttcatt	ttattaaaga	cagaattctt	gtttatcatg	540
gagctaataa	tcctaaagga	ttgctggaag	ttcggaagc	cctggaaaag	gtacacaaaag	600
tagaagacct	tcttccgatt	atgaaggtaa	ctttagcatc	agaatggcag	tccatgtttt	660
tagaggaaaa	gaaaaccaac	agcacttttt	taaaaagaac	tcagaattat	taaatgctat	720
ttgaaatcac	tcgtatgaac	acattctgaa	taataaccaa	aataaaagaa	cctacaggca	780
tcagactcaa	acagaaaaaa	caacttgtga	ggaagcagtt	aatatagaaa	aaaaaaa	837

<210> 1759
 <211> 453
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(454)
 <223> similar to gi3123572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1759

attcagctag	ccatgggttat	tgcccgttta	tatgaatctg	aatttgagac	ttcatccact	60
tatatatcca	tcctaaatca	gaagattttg	ggttgccaaa	aggatggctc	aggattcagt	120
tgcaaaagat	tacatcctga	tcctttcctg	cgtagtcttg	cctattgggt	aatgaaagat	180
tacacccgag	ccttggacac	attactggaa	caaacaccaa	aggaggatga	tgaacatcaa	240
gttatcatca	agtcttgtaa	cccgggtggc	tttagttttt	ataactacct	tcgaactcat	300
cctttgctca	ttcgaagaaa	tcttgctccc	cctgaaggaa	ctttggcaac	cttaggtctc	360
aaaactgaga	agaactttgt	tgataaaatt	aacctcatag	aaagaaaatt	attctttacc	420
actgcaaagt	ctcattttta	agttggatgc	cct			453

<210> 1760
 <211> 410
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (83)...(412)
 <223> similar to gi4650844 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1760
 agtgatgcag tcagatagaa ctgccattcg atctgactcc actcacttgg ttacattagg 60
 aggagttttg aggcagcagc tggatggcag taaagaatta cggatgtatg atgaaagggc 120
 acaagaatgg agatcttttag cccaatgga tgctccccgt taccagcatg gtattgctgt 180
 cattggaaac tttctttatg tagttggtgg tcagagtaat tatgatacaa aaggaaaaac 240
 tgctgttgat acagttttca gatttgatcc tcggtataat aaatggatgc aggttgcac 300
 attaaatgaa aagcgcacat tctttcactt gagtgcctc agaggacatt tgtatgcagt 360
 tgggtgggcgc agtgcagctg gtgaactggc cacagtagaa tgttacaacc 410

<210> 1761
 <211> 840
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (110)...(815)
 <223> similar to gi2853076 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1761
 tgagctaaca cctatagcag ttgacactac ctctcaaaga aatgcatctc caaatagtga 60
 gccctgcagc agtgattctg tatccgagcc agaatgtact actgattctt catccagcaa 120
 agagcacaca tcatcatctg ctattccagg aggtgtggat attatggtca gtgaagatat 180
 gaaattaact gactcagagc taggaaagct ggcaaataat atccaggaat tattatatag 240
 tgcctcagat atatgccatg atcgagctgt caaatttctc atgtcaagag caaaggatgg 300
 ttttcttgag aagctaaatt ccatggaatt cataacactt tctagattaa tggaaacatt 360
 catttttagac accgaacaga tctgtggaag aaaaagcacg tcattacttg gagcatttca 420
 gagccaagct attaatgtttg taaatagggt tcatgaagag agaaaaacca agctcagcct 480
 cctcttagac aatgagcgct ggaagcaagc agatgttcct gcagaatttc aggatcttgt 540
 tgattctctg tcagatggga agattgcttt acctgaaaaa aaatcaggag ccacagaaga 600
 aaggaaacca gctgaagttc ttattgtcga gggacaacag tatgcagttg ttggaaccgt 660
 attgctgtta ataagaatta tccttgaata ttgccagtgt gtggataaca tcccatctgt 720
 tactactgac atgcttactc gtctgtcaga tttattgaag tacttcaatt caagaagttg 780
 ccagttagtt cttggagctg gtgcactgca agttgttgga ctaaaaacga taactacaaa 840

```
<210> 1762
<211> 892
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(895)
<223> similar to gi2522322 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	1762						
atgtggacag	cgtgggtggc	ggcagcagagt	ctcgggtccct	ggactcaccc	acttcagcc		60
caggcgctgg	cacgaggcag	ctggtgaagg	cttcgtccac	aggcactgag	tcctcagatg		120
actttgagga	gcgagaccct	gacctgggag	acgggctgga	gaatgggctg	ggcagcccct		180
tcgggaagtg	gacactgtcc	agcgcggctc	agaccaccca	gctgcggcga	ctgcggggcc		240
cagccaagtg	ccgcgagtg	gaagccttca	tggtcagcgg	gacggagtgt	gaggagtgt		300
ttctgacctg	ccacaagcgc	tgcttgagga	ctctcctgat	cctctgtgga	cacaggcggc		360
tcacagcccg	gacacccctt	tttggggttg	acttcctgca	gctacccagg	gacttcccgg		420
aggaggtacc	ctttgtggtc	acgaagtgca	cggctgagat	agaacaccgt	gccctggatg		480
tgcagggcac	ttaccgggtc	agcgggtccc	gggtccgtgt	ggagcggctg	tgccaggctt		540
tcgagaatgg	ccgagcgttg	gtggagctgt	cggggaactc	gcctcatgac	gtctcgagt		600
tcttcaagcg	atttcttcag	gagctcaccg	agcccgtgat	ccccttccac	ctctacgacg		660
ccctcatctc	tctggctaag	accttgcatg	cgagccctgg	ggacgacct	gggaccccca		720
gccccagccc	tgaggttatc	cgctcgctga	agaccctctt	ggtagcgtg	cctgactcta		780
actacaacac	cctgcggcac	ctggtggccc	atctgttcag	gtgggtgtgca	cgatttatgg		840
aaaacaagat	gtctgccaac	aacctgggca	ttgtgtttgg	gccgacactg	ct		892

```

cagtgcaggt ttgcccatta ctgcgaccgc acctgccaga aggatgcttg gctgaaccac 240
aagaatgaat gttcggccat caagagatat gggaagggtgc ccaatgagaa catcaggctg 300
gcggcgcgca tcatgtggag ggtggagaga gaaggcaccg ggctcacgga gggctgcctg 360
gtgtccgtgg acgacttgca gaaccacgtg gagcactttg gggaggagga gcagaagga 419

```

<210> 1764

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (114)...(319)

<223> similar to gi200794 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1764

```

aattttttctc tgtccaggat tcttgccctcc aaaccactgt acctgggtcgg ctgtgcacct 60
ttgggaacct tacagtgcgt tttgtgggga ccaagggtccc agagcccacc tgtccactag 120
ctacccttg cacttccagg ttccgctttg attataccaa tgagagggcc ctgcggcgca 180
ctctgcagga ggacctggtg aaggacgtgc tgagcaacgc acacatccag aacgagtttg 240
agcgggaatt tgagcggatg cgggaggatc gggaggtgct cagggtcatc ttcccaactg 300
gagacagcaa ggtgcgtgtg ggtcgaagtg ctgatgctag agatgtgcct ccctggatgg 360
ctgtccccag acacagccct ccctccattt acccctctct caggacgaac tg 412

```

<210> 1765

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (292)...(579)

<223> similar to gi5532485 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1765

```

caccctttgt cataaaatag tcatctgaaa aatgaaccac catcaattcc aagtctagct 60
aattttcata aataatactt gttgaatagt cccattaatt ctgggcttct tgctagagt 120
gtagtatgtt agtgcactgt actttaaggg cttaaaagct gaatatatag aacttaccag 180
ggctgttcaa atacagccaa aataggaatg ttcttttcaa ctgtaactac ttaattctgc 240
ttcattcaag ctaacaattg catgtaaaca ttcttacttt gttttaattt caagcaacac 300
aactcagaac atgcgcgact gcaagttcct acatcacaag taagaagtag atcaacctca 360

```

```

aggggagatg tgaatgatca ggatgcaatc caggagaaat tttaccacac acgtttcatt 420
caagtgccag agaacatgtc gattgatgaa ggaagattct gcagaatgga cttcaaagtg 480
agtggactgc cagctcctga tgtgtcatgg tatctaaatg gaagaacagt tcaatcagat 540
gatttgcaca aaatgatagt gtctgagaag ggtcttca 578

```

```

<210> 1766
<211> 511
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(512)
<223> similar to gi3868778 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1766
ctatcccaaa gtgagaagaa caattactat tcaagccggt ttagccctga cagccagtat 60
attgacaaca ggagtgtgaa cagtgcaggg cttcacacgg tgcagagagc accccgactg 120
aaccacccgc ctgagcagat agactctcac tcaagactac ctcatagcgc acaccctcgc 180
ggaaaaccac catccgctcc agcctcgga cctcagaatg tatttagtac gactgtaagc 240
agtgggttata acacaaaaaa aataggcaag aggcttaata tccagcttaa gaaaggtaca 300
gaagggttg gattcagcat cacttccaga gatgtaacaa taggtggctc agctccaatc 360
tatgtgaaaa acattctccc ccggggggcg gccattcagg atggccgact taaggcagga 420
gacagactta tagaggtaaa tggagtagat ttagtgggca aatcccaaga ggaagttggt 480
tcgctgttga gaagcaccaa gatggaagga g 511

```

```

<210> 1767
<211> 781
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (507)...(781)
<223> similar to gi2429362 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1767
tttttttttt ttcaccagga gagtctgcag gtttcctttt aatcaaggct ctactgaagg 60
tggtttgtgg ggctaaaagc ccccaaaaca tgaaatggac atgtaacacc acctggatcc 120
cccatagcag gccagaccac tctggcgagc actgctggtc tgcccaaadc tgggtaatca 180
gactgggtat tcattggctg catttcaaag cacagcactg ctttcagcca ggatgaagtg 240

```

```

ggagtgaacc cagctgctag cagagctgcc actccaggct gagagccaag taccagccac 300
tgccagtgaag gactggcccc tttactgaag ggagttgttc agagtccagc caccggccct 360
ggggagggag agaagtcagg gtattctgct cggggatggt cagggctccg cagctccatc 420
gccagcatcc tttggaaaagc cgccctctggc ggagacagcc ggctgggggg gcgctccagg 480
tttgctgag acgttcccgc caccagccgg ctccggggcg cggcggccca gctgccgtaa 540
catctcctcg caggctgcga tgggtgccag gagctgccgc tgccgctgct ccaccgcgtc 600
cagcagctgc tgggcgcgct cctcccgggg cggctgtggg ggtggcctcc cgccgagccc 660
cagccccgcc ttcccgcggt ccacgccggc agcctccccg cgtgaccagt ctgagcccgg 720
gccccattcc atctccgctt gcgcggcccc accaccgccc ccctttcggc cgccccctc 780
c 781

```

```

<210> 1768
<211> 628
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(568)
<223> similar to gi55473 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1768
ctcacactgg ggaaaggccc tacaaatgta ataagtgtga gaaaagttac cgacaccggt 60
cagccttcat tgtacataaa agagttcata ctggggagaa gccctataag tgtggtgcct 120
gtgaaaaatg ctttggccag aaatcagacc ttatcgtgca ccagagagtc cacacagggtg 180
agaagccgta taaatgcctg gaatgtatga gaagttttac tcggagtgcc aacctaatta 240
ggcaccaggc aactcacact cacactttta aatgccttga atatgaaaaa agctttaact 300
gtagctcaga tcttatttga catcagagaa ttcacatgga agagaaacca catcagtgg 360
ctgcgtgtga gagtggcttc ctccataggaa tggactttgt tgcccaacag aaaatgagaa 420
ctcaaacaga ggagctacac tataaatgca ctgtatgtga taaaagcttc caccagagtt 480
cagcccttct tcaacatcag acagtacaca ttggtgaaaa accgtttgtc tgtaatgtga 540
gtgaaaaagg tcttgagctt agccctcccc atgcgtcaga agcctcacag atgtcttgac 600
caggcganga agctgtaata ccaatatt 628

```

```

<210> 1769
<211> 828
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (380)...(818)
 <223> similar to gil055060 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1769

cagagttact	tgcccagagt	tgcagagcca	gttcctgccc	catcttctgt	ggctcccag	60
tccttgga	ggtgatagca	gccgcctgcc	atcttccctg	tctcaggacc	tctcccactc	120
ctatccaggt	gacatcatcc	ggaaaatcat	cccccaaccac	gagctggttg	gggagctggc	180
ggcgctgtac	ttggagagca	tcagccccag	cagtcgcaac	cctgccagcg	tggagcccac	240
catgcccggc	accggggccc	agtgggaccc	ccatggtggg	ggctgccctc	aggatgacgg	300
ccactcaggg	acctttggga	gcgtcctggg	ggggaaccgc	attcagatcc	ccaatgactc	360
tcggcctgag	aaccccggac	cactgggccc	catctcgggg	gtgggtggcg	ggggcctggg	420
cagcgggagc	gacgacaacg	ccctgaagca	ggagctgccg	cggagcgtgc	acgggctgag	480
cggaaactgg	ctggcgta	ggcagta	gatcggcgtg	agccagcagg	atgcccactt	540
tcacttccac	cagatccgcc	tgcagagctt	cccggggccac	tcggggggccg	tcaagtgcgt	600
ggcacccttg	agcagcgagg	acttcttctt	gagcggcagc	aaggatcgta	ccgtgcgcct	660
ctggccgctg	tacaactacg	gcgacgggac	cagcgagacg	gccccacgcc	tcgtctacac	720
ccagcaccgc	aagagcgtct	tcttcgtggg	ccagcttgag	gccccacagc	acgtggtgag	780
ctgtgacggg	gctgtgcacg	tctgggaccc	cttcacaggg	aagaccct		828

<210> 1770

<211> 495

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(484)

<223> similar to gi551933 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1770

ggtcgtgacc	ttgattggga	tgaagagatg	gcaaaagccc	agtcacatga	ctgtgttctt	60
gttctttcag	aacacccact	gtatattctt	tacacatctg	gcacaacggg	gttacctaag	120
ggtgtgatta	ggcccactgg	gggatacgct	gtcatgctac	actgggtcaat	gtcttccata	180
tacggacttc	aaccgggaga	ggtgtggtgg	gcagcttctg	acttaggctg	ggttggttga	240
catttctata	tctgctatgg	acctcttctt	catgggaaca	caacagtttt	atatgagggg	300
aagcctgtgg	gaacaccaga	tgctggcgct	tatttccgtg	tgcttgacga	gcatggagta	360
gctgccttgt	ttacagcacc	aactgcaatt	agagcaatcc	gtcaacagga	ccctggggca	420
gctttgggga	agcagtactc	tctgacaagg	ttcaaaacat	tatttgtggc	tgggagaacg	480
atgtgatgta	gagaa					495

<210> 1771
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(410)
 <223> similar to gi2970644 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1771
 aagaaacaga aagtaaaaact gaacaaaacta gagatattgt taaaggggat gtcaaaacct 60
 gtaaatggct ttttgagacc cagccaatgg agtctcttta tgaaaaagtt tcgttaatga 120
 ccagcagtga agaaattcat aaggagagatg tcaaaaacttg tacttggtctc tttgaaactc 180
 agccacttga taccataaaa gatgactctg aaacagcagt caaattgcaa actgtaaaaac 240
 aggaggagat ccaaggtggg gatgttcgta cagcatgttt tctttttgag acagaaaaatt 300
 tggacagcat acaaggagaa gaagtgaagg aaatcaagcc tgttgaaatg gatatacaag 360
 ctggagatgt ttccagcatg aggtataaat ttgaaaatca gtccttagat tctata 416

<210> 1772
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (39)...(822)
 <223> similar to gi2224721 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1772
 ctagtttctgc gagcgccgc ttaacgccgt cgctcgccgc tttcgacggc gagctggatc 60
 tgcagcgata ctccaacggg ccagccgtga gcgcattggtc gctcgggatg ggagcgggtga 120
 gctggtctga gagtcgtgca ggcgaacggc gcttcccctg ccctgtatgc gggaaagcgt 180
 tccgcttcaa ctctatcctt gctttgcacc tgcgcacaca ccagcccag cgcccacgta 240
 gtctctgctgc acgcctgttg ctggagttgg aagagcgcgc gctactacgc gagggccgac 300
 tggggagagc ccgaagctca gggggcatgc aggccacccc tgccactgag ggtctggcgc 360
 ggccccaggc tccttcatcg tccgccttcc gttgccccta ctgcaaaggc aagtttcgca 420
 cctcggcgga gcgcgaacgc cacctgcaca tcctgcatag gccctggaag tgcggcctgt 480
 gcagtttctgc ctccagccag gagggaggagc tgctgcacca cagcctgacg gcccacgggg 540
 ctcccagagc tcccctggcg gccacctccg ctgcgcctcc gcctcagcct cagcctcagc 600
 ctccacccca gcccgaaccc agatcagtc cccagccgga gccggagccc cagcccgaac 660
 gtgaggcaac cccgacccca gctcctgccg ctcccagga gccccagcg cctccggagt 720
 tccgctgcca agtgctgggc cagagcttta cacagtcttg gtttctcaag ggccacatgc 780
 gtaagcacia ggcctccttc gatcatgcgt gtccggtgt 819

agtccttttag tcggcgtggg cagttcactg aacatcaa

638

<210> 1775
<211> 406
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(408)
<223> similar to gi2970646 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1775
cccacgcgtc cggcagctgt tggccagctg catagataaa ggagacctga gtggcctgca 60
cagtctgcgg tgggagcccc cggctgaccc gagtccactg ccagccagcg agggggccca 120
gagcctgcac ccaactgaga gcatcatcca tgttccccca ctggacccca gcatggggat 180
ggggcatctg agagcctcag gggccacccc ttgccctcct caggccattg gaaaggcagt 240
ccctctgggt ggggaagctg cagcaccagc ccaattgcaa aacacagaaa agcaggaaga 300
cagtcactct ggacagaaaag ggatggcagt cttgggaaag tcagaaggag ccacgactac 360
ccctccgggg cctggggccc cagacctcct ggccgcatg cagagt 406

<210> 1776
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (136)...(266)
<223> similar to gi5912265 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1776
ggactccatg tcatctctct gcacagcgct gatggctgct actgggagga tcccctttct 60
gagcttgaca gtgaacgtgt gtctgcattt cttgtcactg agaccctggg gttctatttg 120
ttctgtctcc ttgcagatga aaccgtcgtg ccaccagatg ttccaagcta cctctcttct 180
caggggaccc tttctgaccg acaagaaacc gtggtcagga ccgagggtgg ccctcaggcc 240
aatgggcaca ttgagagcaa tggtaaggcc tcagtaaccg tgaagcagag ctctgctgtg 300
actgtgtctc tgggtgctgg aggtggcctc caggtcttta cagggcaggt acctggcatt 360
agatggggca aacttgggtga agcccacgcg tccg 394

100 Years of Progress

```
<210> 1778
<211> 432
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (219)...(333)
<223> similar to gi451842 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1056

atgttcgtcc	tctctgtaca	cctcctcctc	ctccccctc	ccctcctcct	cctgttcggt	300
cctcctttcc	ccctctttct	gttctcttcc	cctcagttgn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnattgtca	agccccgaa	ctgaaggtta	cgagcggccc	420
gtcagcagcc	ca					432

<210> 1779
 <211> 611
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (24)...(614)
 <223> similar to gi5640017 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1779						
acaattcctt	agtttcacca	cttcaaaaaa	tttattctag	tgtcaaatcc	cacatttttaa	60
ataaatacag	aaatgatttt	gatgattctc	catttctccc	acaagaacaa	aaagcacaaa	120
taagggaaaa	accgtgtgaa	tgtaatgagc	atggcaaagc	ctttagagtg	tcttcaagcc	180
ttgctaacca	tcaagtaatc	cacactgcag	ataaccctta	caaatgtaat	gaatgtgaca	240
aggtcttcag	taacagttca	aaccttgtac	aacatcaaag	aattcatact	ggagagaagc	300
cttacaagtg	tcatgaatgt	ggcaagctct	tcaatcgaat	ttcactcctt	gcacgacatc	360
agagaataca	tactggagag	aaaccttaca	aatgtcatga	gtgtggcaaa	gtcttcactc	420
aaaattctca	ccttgcaaat	catcacagaa	tccacactgg	agagaaacct	tacaaatgta	480
atgagtgtgg	caaggctctt	aacagaaatg	cacaccttgc	acgacatcag	aaaattcata	540
gtggagagaa	accttacaaa	tgtaaggaat	gtggcaaagc	attttcaggg	ggttcaggcc	600
ttactgtcca	t					611

<210> 1780
 <211> 932
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(934)
 <223> similar to gi5262560 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1780						
cagctttgtg	tgtgaagttg	gcctaggtaa	ctcatcttct	aatatgaaca	tcagagggtga	60
cactggacac	aaggcatgtg	aatgtcagga	atatggacca	aagccatgga	agagtcaaca	120

```

acctaaaaaa gccttcagat atcacccctc cttgagaaca caagaaaggg atcacactgg 180
aaagaaaccc tatgcttgta aagaatgtgg aaaaaacatt atttaccatt caagcattca 240
aagacacatg gtagtgcaca gtgggggatgg accttataaa tgtaagtttt gtgggaaagc 300
attccattgt ctgagtttat atcttatcca tgaaagaact cacactggag agaaaccgta 360
tgaatgtaaa caatgtggta aatcttttag ttattctgct acccatcgaa tacatgaaag 420
aactcacatt ggagaaaagc cttatgaatg tcaggaatgt gggaaagcat tccatagtcc 480
cagatcctgt cacagacatg aaaggagtca catgggagag aaggcttatc aatgtaagga 540
atgtggaaaa gcattcatgt gtccccgtta tgttcgtaga catgaaagga cccactctag 600
gaaaaaactt tatgaatgta agcagtgtgg gaaagcatta tcctctctta caagttttca 660
aacacacata agaatgcact ctggagaaag accttatgaa tgtaagacat gtgggaaagg 720
cttttattct gccaaagtcatt ttcaaagaca tgaaaaaact cacagtggag agaaaccgta 780
taaattgcaag caatgtggta aagccttcac tcgttcgggt tcctttcgat atcatgaaag 840
gactcacact ggagagaaac cctatgagtg taagcaatgt gggaaagcct tcagatctgc 900
cccaaattctt caatcgcatg gtaggactca ca 932

```

```

<210> 1781
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(225)
<223> similar to gil621040 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1781
cttggaattca gtgatggaca ggaagccagg cctgaagaaa ttggctgggt aaatggctat 60
aatgaaacca caggggaaag gggggacttt ccgggaactt acgtagaata tattggaagg 120
aaaaaaatct cgcctccac accaaagccc cggccacctc ggcctcttcc tgttgacca 180
ggttcttcga aaactgaagc agatgttgaa caacaagtgc tctacaagta tagaaagaag 240
ccttcctctt cccaccgtcc ccagacacca cataatggaa aaagcaagaa ttttctgcat 300
aagcaaggcc ttaaaaaaaaa aaaagccagc ctctgatggg acttttttcc tgccaaaaat 360
cccactggtc cactgtcgca attttttaca aaggccacga taaaagagta aggcccattt 420
tg 422

```

```

<210> 1782
<211> 610
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (33)...(613)
<223> similar to gi2330794 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1782
cgccacgcg tccgccacg cgtccggaag ggaaagagtg tgacaacctg ttcaccgtca    60
ttgccattt atacaacttc cacgtggtac agtctctcct catcttcgac attttgaaaa    120
aactgattgg aactttcacc gaaaaagata ttgaactgat cttgttaatg ctgaaaaacg    180
tgggtttttc attgaggaaa gatgatgctt tatcacttaa ggaattgatc actgaagccc    240
agaccaaagc cagcggggca ggcagcgagt ttcaggacca gaccaggatt cggtttatgc    300
tagagacgat gttggccctg aagaacaatg acatgcgcaa aattccaggc tatgacccccg    360
agcccggtga gaagctgagg aaactgcaga gagcttttgt ccgcaacgcc ggctcaggtt    420
ctgagacgca gcttcgcgtc tcctgggaca gtgtcttgag tgcggagcag acgggtcgcct    480
ggtggattgt ggggtccgcc tggagtgggg ccccgatgat cgacaacagt caccatacgc    540
acctgcagaa gcagcttggt gggacggtca gttcaaagat cctagaactc gccccggagc    600
agaggatgaa                                     610

```

```

<210> 1783
<211> 776
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(778)
<223> similar to gi3319990 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1783
ttggtgtgac cttaccattc accttcctgc agcagtgctg ctttaaggaga tacatatcca    60
gcctcatctt gcatctcttg caacctgccc ttcctcagtg tctgttgaag taagtgcaga    120
tggggtaaat atgtacctt tgtccactcc tgttgtcaca agtggcctca cctacataaa    180
aattcagctt gtaaaagccg aagtagcttc tgctgtctgc cttagactac atcgtccacg    240
ggatgccagc acattaggcc ttccacaaat taaattattg gggctcactg cttttggtac    300
cacctcttct gcaacagtta ataatccatt ccttccatct gaagatcagg tatccaaaac    360
aagtattgga tggttacggt tattacatca ttgccttact cacataagtg atctagaagg    420
aatgatggca agtgcagctg cacctactgc taatctgctg cagacttgtg cggccttatt    480
gatgtcacct tactgtggaa tgcattcacc caacatcgag gttgtgcttg taaagatagg    540
actgcagctc actagaattg gcctgaagct catagacatt ctctgagaa attgtgcagc    600
atcaggcagt gatcctacag atttgaatag tcctttactt tttggaagac taaatggact    660
ctcttctgac tctacgatag atattcttta ccagcttgga acaactcagg atcctggtac    720
aaaagacaga attcaggcct tggttaaatg ggttagtgat tctgcaagag tggctg      776

```

```

<210> 1784
<211> 456
<212> DNA

```


gcagggggac	gtggcctttg	gccacagcaa	gctgttcac	cgctcacccc	ggacactggt	720
cacactggag	cagagccgag	cccgcctcat	ccccatcatt	gtgctgctat	tgcagaaggc	780
atggcggggc	accttggcga	ggtggcgctg	ccggaggctg	agggctatct	acaccatcat	840
gcgctggttc	cggagacaca	aggtgcgggc	tcacctggct	gagctgcagc	ggcgattcca	900
ggctgcaagg	cagccgccac	tctacgggcg	tgaccttgtg	tggccgctgc	cccctgctgt	960
gctgcagccc	ttccaggaca	cctgccacgc	actcttctgc	aggtggcggg	cccggcagct	1020
ggtgaagaac	atccccctt	cagacatgcc	ccagatcaag	gccaaagggtg	ccgccatggg	1080
ggccctgcaa	gggcttcgtc	aggactgggg	ctgccgacgg	gcctggggccc	gagactacct	1140
gtcctctgcc	actgacaatc	ccacagcatc	aagcctgttt	gctcagcgac	taaagacact	1200
tcgggacaaa	gatggcttcg	gggctgtgct	cttttcaagc	catgtccgca	aggttagaca	1260
agggacaagg	atggcttcag	ggctgtgctc	tttttctagc	cacgtctgca	aggttagaag	1320
ctggtgcaga	gttttggggg	ggcacttggg	agaaaatgga	ggcaacccca	gcccaggccc	1380
agctgctcct	gacactccca	aaactgtcgc	cagcggggag	gggaggcagt	agggactgcc	1440
gaagcctggg	gcccctgggtg	gtgacagggc	agcaccagcc	tgggtccagc	cacctctccc	1500
acaggtgaac	cgcttccaca	agatcaggaa	ccgggccttc	ctgctcacag	accagtcgag	1560
c						1561

```

<210> 1788
<211> 2634
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1150)...(2530)
<223> similar to gi5824570 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1788						
actcacggtt	tgaagatgg	ctcaactatg	ttgatagaag	cagcaaaagg	tggccataca	60
agtgttggtt	gctatctctt	ggattatcct	aataacttgc	tttcagcccc	tccaccagat	120
gtcactcagt	taactcccc	atcccacgat	ttaaataggg	ctcctcgtgt	accagttcaa	180
gcactgcca	tggttgttcc	acctcaggag	cctgacaaac	cacctgcca	tgttgccacc	240
actcttccca	tcaggaataa	agctgcttct	aaacaaaagt	ccagcagcca	tttgccagca	300
aacagccagg	atgtacaggg	ttacatcacc	aatcagtctc	cagagagcat	tgtagaagag	360
gctcagggaa	agttaacaga	actggaacag	aggataaaaag	aagccataga	aaagaatgca	420
cagctgcagt	ccttggaact	ggctcatgct	gaccaactta	ccaaggagaa	gatcgaggag	480
ctcaacaaaa	caagggagga	acaaattcag	aagaaacaaa	agattttgga	ggaactacag	540
aaagtagaac	gagagttaca	actgaaaact	cagcagcagc	taaaaaagca	gtatctagag	600
gttaaagctc	aaagaattca	acttcagcaa	cagcagcaac	agtcttgcca	acacctggga	660
ttactaactc	ctggttgagt	tggagagcag	ctttctgagg	gagactatgc	acggttacag	720
caagtggatc	ctgttttact	taaagatgaa	cccagcaga	ctgctgctca	gatgggtttt	780
gcgccaatcc	agcctctggc	gatgcctcaa	gctttgcctc	tggcggcagg	tcccttgctt	840
ccagggtcca	tcgcaaactc	tacagaactg	caaggagtga	tagttggaca	gccagtactg	900
ggccaagcac	agttggcagg	gctggggcaa	ggaattctga	cagaaacaca	acaagggtta	960
atggtagcca	gccctgctca	gaccctcaat	gacacgctgg	atgacatcat	ggcagtcagt	1020
ggaagagcat	ctgcaatgtc	aaacactcct	acccacagta	ttgctgcac	catttcccaa	1080
cctcagactc	caactccaag	tcctatcatc	tctccttcag	ccatgcttcc	tatctaccct	1140
gccattgata	ttgatgcaca	gactgagagt	aatcatgaca	cggcgctaac	acttgctctgt	1200
gctggtggcc	acgaggaact	ggtacaaaaca	ctgctagaga	gaggagctag	tatagagcac	1260

cgagacaaga	aagggttttac	tccactcatc	ttggctgcc	cagctgggtca	tggtgggtgtt	1320
gtggaaatat	tgctggacaa	tggtgcagac	attgaagccc	agtctgaaag	aaccaaggac	1380
acaccactct	ccttggcttg	ttctggggga	agacaggagg	tggtggagct	attgttagct	1440
cgaggggcaa	ataaagagca	caggaatgtt	tctgattaca	cacctctaag	tctggctgct	1500
tctgggtggc	atgtgaacat	catcaaaata	ttactaaatg	caggagctga	gattaactct	1560
agaactggta	gcaaattggg	catctctcct	ctgatgttag	cagctatgaa	tgggcataca	1620
gctgctgtta	agctcctgtt	agacatgggc	tctgacataa	atgctcagat	agaaaccaat	1680
cggaacactg	cccttacttt	agcctgcttc	caaggaaagaa	ctgaaagtgt	tagtcttctg	1740
cttgatagaa	aagcaaatgt	tgaacacaga	gctaagactg	gtctcacacc	actaatggaa	1800
gctgcctctg	gtggatatgc	ggaggtgggc	cgagttcttt	tggataaagg	tgctgatgtt	1860
aatgcccctc	cagttccctc	ctcaagagat	acagctttta	ccatagcagc	agataaaggg	1920
cattacaaat	tctgtgagct	tcttattggc	aggggagctc	atattgatgt	acgtaacaag	1980
aaggggaaca	ctccattgtg	gctagcagca	aatggtggac	acctcgatgt	ggttcagtta	2040
ctgggtgcaag	caggtgcaga	tgtggatgca	gcagataacc	gcaagataac	tcctcttatg	2100
gcagcattta	gaaaggggtca	tgtgaagggtg	gtgcgctact	tagtcaaaga	agtcaatcag	2160
tttccatcag	attctgaatg	tatgagatac	atagcaacca	tcactgataa	ggagatgctg	2220
aagaagtgtc	atctttgtat	ggagtcaata	gtacaagcca	aagatagaca	ggctgctgaa	2280
gcaaacaaaa	acgccagcat	tttgtttagag	gagtttagact	tggaaaagt	aagggaagaa	2340
agtcggaggc	tggtcttggc	tgcgaaaaga	gaaaaaagaa	aagagaagag	aagggaagaaa	2400
aagggaagacc	aaagaaggaa	actagaagaa	attgaagcca	aaaataaaga	gaactttgaa	2460
ctccaagctg	ctcaagaaaa	agaaaagctt	aaagttgaag	atgagcctga	agtcttgaca	2520
gaacctccaa	gtgccacaac	cactactacc	ataggtatat	ctgcaacctg	gacaactttg	2580
gcaggttctc	atggtaaaaag	aaataatacc	ataactacaa	ccagttcaaa	gagg	2634

<210> 1789

<211> 852

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(853)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (46)...(634)

<223> similar to gi2702361 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1789

cccacgcgtc	cgctgatgct	gaaagagagc	aattttgctg	acagttatta	tgactacatt	60
tgtattattg	actttgaagc	cacttgtgaa	gaaggaaacc	caccggagtt	tgtacatgaa	120
ataattgaat	ttccggttgt	tttactgaat	acgcatactt	tagaaataga	agacacgttt	180
cagcagtatg	taagaccaga	gattaacaca	cagctgtctg	atttctgcat	cagtctaact	240
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cctccttttg	cgaaaaagtg	gatcaatatt	cggaagtcac	atggaaattt	ttacaagggt	480
cctagaagcc	aaaccaaact	gacaataatg	cttgaaaaat	taggaatgga	ttatgatggg	540

cggcctcact	gtggtcttga	tgactctaag	aatatcgccc	gaatagcagt	tcgaatgctt	600
caggatgggt	gtgaactccg	aatcaacgag	aaaatgcatg	caggacagct	aatgagtgtg	660
tcctcttcct	taccaataga	gggcaactcca	ccaccacaaa	tgccacattt	tagaaagtaa	720
caacagtttt	gtgtgtggat	cattccaatt	gaagttgcta	tgaagaggta	gcagatgaat	780
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```

<210> 1790
<211> 1335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(1334)
<223> similar to gi3868778 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1790						
cccgggtcga	cccacgcgtc	cggtgagcct	tctggtcttt	cgccaggaag	acgccttcca	60
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caagacaaac	caagatgccca	tggaaaccct	aagaagggtct	atgtctactg	aaggcaataa	420
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cacagaagaa	agttcaagat	cagggagaga	gtctgtatcc	acagccagtg	atcagccttc	1260
ccactctctg	gagagacaaa	tgaatggaaa	ccaagagaaa	ggtgataaga	ctgatagaaa	1320
aaaggataaa	actgg					1335

```

<210> 1791
<211> 383
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (257)...(385)

<223> similar to gi2529737 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1791

aaccaagaga	gcttgggaatt	tggtaaactc	aagataaagt	cagactggat	ctgcaggggg	60
cataaagtgg	tacctcctct	ctgtttaaat	tgtttaattt	acttaaacta	tagtttttgc	120
ccaagaacga	agtcaggcaa	gtagtagaac	cacactgtac	ctcagttctc	aacatttggc	180
tctgagttgt	ttatttagta	atatgtttta	acacaaactc	tatcagtttt	tagaaatttg	240
tttaacattg	tcttttacta	athtagtata	tgaaaatgat	gatcagctcc	tgtgggaccc	300
tgagtactta	ccagaagata	aagtgattat	atttcttaaa	gatgcatcta	gaagaacagg	360
tgatgagaag	ggtgtagaag	caa				383

<210> 1792

<211> 372

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(186)

<223> similar to gi28913 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1792

ctataccatc	agaagccaag	atgagactga	aagccaccct	aactcaccaa	gtctcctcaa	60
tcaatggtgg	ttgtggaatg	gtggtgggta	ctgccagcac	catggtgaca	gcccgccag	120
agcagagcca	gattctcatc	cagcaccctg	atgccccatc	ccctgccag	ccacaggtca	180
gtggctctta	ctctttatgt	catatcttta	tgacgtatct	ttatgtcata	tctattgttc	240
aaggagcaga	aaattagaga	agaatggact	tcagctttct	gggtttcttc	ctgcttactt	300
tggttcttga	tggcagtttg	actatagcaa	aacgtaccat	tctttttatt	atttattcat	360
ttttatttta	gc					372

<210> 1793

<211> 703

<212> DNA

<213> Homo sapiens

<220>

001210"012100

<221> misc_feature
 <222> (218)...(693)
 <223> similar to gil1938462 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1793
 tgaagtacca actattactt gcaattctta atgatgaact atatcattct aaattggatg 60
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 tgctgttact ttatcacttg cttcaacaaa agaacaagtt aatttatttt atgtttctta 180
 atgctgctgt aatgttttta attgtttttc ttgttcatta cagacctggg cattacattc 240
 tctatcattg atcattgatt ctgctggccc actctattat gtgcatgtgg aacctaccct 300
 ttctcttatt ataatagttg tggtaaagtgt gcctcctact catgctgaag ttcaccaaag 360
 ccttggtcgc tgtttgaatg cccttattac cacgttaggt ccagagctac aaggtaacag 420
 tacttcaatt tctaccttaa ggacttcctg tctactgggt tgtgcagtaa tgcaagataa 480
 cccagactgc cttgttcaag ctcaggccat ctcttgccct cagcagcttc atatgtttgc 540
 tccacgacat gtcaacttgt ctagcctggg tagctgcctc tgtgtgaatc tttgtagccc 600
 ctacttgtaa ctgagaagag cagtactggc ttgcttacgt cagcttgtag aaagagaagc 660
 agctgaagtt tcagaacatg ctgttatgct tgctaaggat agc 703

<210> 1794
 <211> 214
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(191)
 <223> similar to gi553477 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1794
 cttctcttcc tcctgtact ctggctccca gatatcaccc gagaaattgt gttgacgcag 60
 tctccaggca ccctgtcttt gtccccaggg gagagagcca ccctctcctg cagggccagt 120
 cagagtgtta gccgcaacct agcctggtat cagcagaaac ctggccaggc tcccaggctc 180
 ctcatctctg atacattcag cgtcgacgcg gccg 214

<210> 1795
 <211> 353
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (52)...(354)
 <223> similar to gi3757892 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1795
 tagagacaca aattacattg tcataagtaa aaactatagt ggatggaaat aaacacaaat 60
 gatccttatg tggcttttag aaggcgtact gaaaaaatgc agactcgaaa aaatcgcaaa 120
 aatgatgaag cctcttacga aaaaatgctt aagctgcgac gagatctaag tcgagctggt 180
 actattctag agatgataaa aagaagagaa aaaagtaaaa gagagctatt gcacttaaca 240
 ctggaaatta tggaaaagag gtataatttg ggcgactaca atggagagat catgtctgag 300
 gttatagcac agagacagcc aatgaaacct acttatgcc a tccccatcat ccg 353

<210> 1796
 <211> 1042
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(797)
 <223> similar to gi3876299 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1796
 cggacgcgtg gggatcatgga gctggcactg cggcgctctc ccgtcccgcg gtgggttgcgtg 60
 ctgctgccgc tgctgctggg cctgaacgca ggagctgtca ttgactggcc cacagaggag 120
 ggcaaggaag tatgggatta tgtgacgggc cgcaaggatg cctacatgtt ctgggtggctc 180
 tattatgccca ccaactcctg caagaacttc tcagaactgc ccctgggtcat gtggcttcag 240
 ggcgggtccag ggcgttctag cactggattt ggaaactttg aggaaattgg gccccttgac 300
 agtgatctca aaccacggaa aaccacctgg ctccaggctg ccagtctcct atttgtggat 360
 aatcccgtgg gcaactgggtt cagttatgtg aatggtagtg gtgcctatgc caaggacctg 420
 gctatggtgg cttcagacat gatgggtctc ctgaagacct tcttcagttg ccacaaagaa 480
 ttccagacag ttccattcta cattttctca gagtccatag gaggaaaaat ggcagctggc 540
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 gttgccttgg gtgattcctg gatctcccct gttgattcgg tgctctcctg gggaccttac 660
 ctgtacagca tgtctcttct cgaagacaaa ggtctggcag aggtgtctaa ggttgacagag 720
 caagtactga atgccgtaaa taaggggctc tacagagagg ccacagagct gtgggggaaa 780
 gcagaaatga tcattgaaca ggtaaaaagg ggaaacactc agaggcgagc ctgcttggct 840
 ttttctggtg ggtacagggc ccatgggttg tgttgtaaaa cttggagtct acactgaggc 900
 tccccacata tctgcaaatg attgcatgct ggataataaa tctcttgggt ctaagcagtg 960
 atgtagtggc tccttacaga gtcagaaagc caccagggcc tgcaagactt gcttgtcctt 1020
 cactaaatgt aaaaattcta tt 1042

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Introduction

[illegible][illegible]


```

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atgacattac tgcagatgtc tacagtgaat atagagccag tcttgctttt gaccttgta 480
gcagccgaca gaaaaatgca tacactgatt acagtgactc tgtagcacgg aggatgggct 540
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aagggaatcc tgtcttatgc ctgtgtcata ctcttctatt ttgggggttga tatccctgga 660
aagtacttaa taggcatcgt gctgttgggg ggaaatcgtg ccagtatgtg gaagggaagc 720
caaaatggga aggaggaagg ctgttcgaat tcctnccgc aacctggcac tccagggcaa 780
gcccttcng ttaantcaca gnacaaatgt taaaccctt caagggcntt tccacaggag 840
ggaaaccgtt ttgcct 856

```

<210> 1799
 <211> 626
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (91)...(321)
 <223> similar to gil016712 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1799
cccacgcgtc cgcgactcgg gaatcttcgg ccgaggctcg gcaatcccc catcctccgt 60
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gagcgggagc tgggccgcct gaagcagctg ctgtcccggg cctacccctt ggactccctg 300
gagaagcaga tggaaaaggt tgggattggg atggcttccc tgctgccctg ggatttggaa 360
gaatgttgag gactgtggat gtccattcc ctggtcatgg ggtgcggggc acccagcagt 420
gattctagga atagcacaga gttaccaggt gttgttgaga gcttggtctt gtgctccgta 480
gggtcctggc ttgccctta ttagtgggtg accaagttcg cttagctcca aaattaactt 540
aagttatgta gaggggaagg aacttacact taagggtaac aaaaaaatt cttactgtta 600
ttaaatattg acttctgtg tacatt 626

```

<210> 1800
 <211> 679
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(112)
 <223> similar to gi34276 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1800
atactactat ttgttttaaaa tggaaaaata ttgaaacctt tacttgtgat acacagaata      60
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cacaatgttg ttctagatat tatttaaatct tactctctgc cctttctctc ttcctccctg      180
cctctcttgt tctccctctg tttggctttt ttctttcttg tctttttctt gggctgtggg      240
atatttagag tcaaataaatt aaattaccta tacaattcaa acaaattcac aaaataaatg      300
aatacttttc atgaaaaata aatatctaaa aattgaaagt caattaattt acaataattt      360
tcttggaat tggtatacac aggcattggt gaagagatca tgaaagaagg gtgttataag      420
gaaatgataa tacacaaact ctgttatgaa gtaaggaaaa aaaatacagg attgtatggt      480
tcaagagttt actttttcca tcctgcatca acaaaattca tacacaagtt caagaacact      540
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tgaactctcc caccctttg                                     679

```

```

<210> 1801
<211> 1225
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(1221)
<223> similar to gil017722 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1801
cccacgcgtc cgtggcaaaag cttttaagtg gtcctcaaag cttactgaac ataagataac      60
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aatccttacc aaacataaga ggattcatac tggagagaaa ccctacaagt gtgaagaatg      180
tggcaaagct tttacccaat cctcaaaccct tactacacat aagaaaattc atactggaga      240
gaaattctac aaatgtgaag aatgtggcaa agcttttacc caatcttcaa accttactac      300
acataaaaaa attcatactg gaggaaaacc ctacaaatgt gaagaatgtg gcaaagcctt      360
taagtactcc tctaccctta ctaaacataa gagaattcat actggagaga aaccctacaa      420
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tcatactgga gagaaaccct acaaattgtga agaattgtggc aaagctttta agtactcctc      540
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tggcaaagcc ttcaaccagt cctcaatcct tactacacat aagagaattc atactggaga      660
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aaaccttact acacataaaa gaattcatac tggagagaaa ccctacaaat gtgaagaatg      1020
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taaccattcc tcacaccttg ctaca                                     1225

```

<210> 1802
 <211> 1236
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (367)...(1237)
 <223> similar to gi2981221 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1802
 ctgattgaca tctttgccat tctaaatgtt tatcaggagg gtgacccgag acagagaacg 60
 ctgctggatc ctgggagggt cagcatggtg tctagtccag ctcccatgga ggggtggggaa 120
 caagaacaag aacttctagg tcctaaacta caagaggacc aagaagagga agtagttgaa 180
 aatgatgagg agatagcctt ttcaggcaag gacaagccag cttcagagaa tagtgaggag 240
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<210> 1803
 <211> 144
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (42)...(9)
 <223> similar to gi2047349 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1803
ttttttttttt ttccttaaac cccccgtttt tccttggaac aaaaaagggg ggcccaattt    60
accttttttac ttggtttggg ggcccaaacc ctggaagggt ttttaagaaa aacccttctt    120
tttttgcccc cagggggaag ggga                                     144

```

```

<210> 1804
<211> 1438
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(531)
<223> similar to gi3645961 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1804
tgctttgcaa atctgcctga cacatcctga gctgcagaat gaaatttgct gtcagcttat    60
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cttggcactc tgcgttgggc tcttccttcc ccatcatcct ttcctgtggc tcctcaggct    180
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aattctttca actcttctcc gaaaccctta tcaccattct ttgcccttta gtatacctgt    360
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atttttgaat actttgaacc aggacacagg aatgaggaaa ccagcgcagt ctggatttgc    480
gttggttact gacgatcctt ctggcagaga tttagagcat tgtcttcaag gaaacatcaa    540
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actaaaaata caaaaattag ccaggcatgg tgccacacac ctgtagtccc agctactctg   1320
gaagctgagg cactagaatc tcttgagccc atgaggtcga ggctgcagtg agccgtgatc   1380
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```

<210> 1805

```

00000000000000000000000000000000

<400>	1805					
ctcccg	gtgcgaggc	agggcaacta	cctgctgtgc	tactgtctgc	tgggcaacgt	60
gtcaac	accacgctca	ccatcctgct	cgacgacatc	gccggctcgg	gcctcgtggc	120
gtagtc	tccaccatcg	gtatcgtcat	cttcggagag	atcgtgcccc	aggccatctg	180
cggcat	ggcctggctg	tgggggccaa	caccatcttc	ctcaccaagt	ttttcatgat	240
accttc	cccgtttcct	acccggtcag	caagctgctg	gactgcgtcc	tgggccagga	300
ggcacc	gtctataaacc	gggaaaaaact	gctggagatg	ctccgggtca	ccgatcccta	360
gacctc	gttaaggagg	agctgaacat	catccaaggg	gcgttgagc	tccgcaccaa	420
gtggag	gacgtgatga	ccccactcgg	ggactgcttc	atgatcaccg	gcgaagccat	480
gacttc	aacaccatgt	ctgagatcat	ggagagcggc	tacacccgca	ttccagtgtt	540
ggggag	cgtccaata	tcgtggacct	gctgtttgtc	aaagacttgg	ccttcgtgga	600
gtatgac	tgtaaccggc	tgaaaacat	caccaaattc	tataaccacc	cnctagcact	660
gtcaa	tga					673

<400>	1806					
gcgctg	caggaattcg	gcacgagtg	cagacacatt	ctacaccaat	gctggctgca	60
ggtagc	cttgaacccc	ttcaagcctg	ttcctcagct	ctactcgccc	gagctaata	120
gtacca	tgctgcgcct	cagccccaga	aactgaagcc	ccacgtgttc	actgtgggtg	180
gacctt	caggaatgtc	aagagcctga	ttgaaccagt	caaccagtct	attgttgtca	240
agagag	tggtgctgga	aagacatgga	cgtctcgctg	cctaataga	ttctatgctg	300
ggccac	ctcacctgca	tcttgggaga	gccacaagat	tgcagagagg	ataqaacaga	360

ggatcctgaa	ctccaaccct	gtcatggaag	cttttgggaa	tgcgtgtaca	ctgaggaata	420
acaacagcag	tcgctttggg	aagttcatcc	agctccagct	gaacagggct	cagcaaatga	480
ctggagccgc	agtcagacc	tacctcctag	agaaaactcg	agtggcctgc	caggcttcca	540
gtgagaggaa	caaggaccct	atcccacctg	agctgaccag	gctcctgcag	caatcccagg	600

<210> 1807

<211> 364

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(365)

<223> similar to gi498725 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1807

aaatcgcaac	ttatgtgcca	acaaatgtat	atgggcgaaa	aaccctttgg	atgcagctgt	60
tgtgagaaa	ccttcagcaa	caagtcatac	cttctagtgc	atcagcaaac	tcatgccgaa	120
gagaaaccct	atggttgtaa	tgaatgtggg	aaagacttca	gtagtaaata	atacctcatt	180
gtacatcaga	gaattcatac	aggagagaaa	ctacatgaat	gcagtgaatg	caggaaaaca	240
ttcagtttcc	attcacagct	tggtatacat	cagagaattc	acacaggtga	gaatccctat	300
gagtgtgtgt	aatgtgggaa	agtcttcagt	aagaaagacc	agcttggttc	acaccagaaa	360
actt						364

<210> 1808

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(579)

<223> similar to gi3413886 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1808

ggcacgagga	tgagaaagac	aagggggccc	tagacaacct	gctctcccag	cttattgctg	60
agttgggtat	ggataaaaag	gatgtctcca	agaagaatga	gcgcagcgcc	ctgaatgaag	120
tccatctggt	agtaatgaga	ctcctgagt	tcttcatgtc	ccgcaccaaa	tctggatcca	180
agtcttccat	atgtgagtca	tcttccctca	tctccagtgc	cacagcagca	gctctactga	240
gctctggggc	tgtggactac	tgctgcacg	tgctcaaata	actgctggaa	tattggaaga	300
gccaacagaa	tgacgaggag	cctgtggcta	ccagccagtt	gctgaaacca	catactacct	360

cctccccacc	tgacatgagc	ccattctttc	tccgccagta	tgtgaagggt	catgctgctg	420
atgtgtctga	ggcctatact	cagcttctaa	cagaaatggt	actgaggctt	ccttaccaaa	480
tcaaaaagat	tactgacacc	aattctcgaa	tcccacctcc	tgtctttgac	caatcaaagt	540
tttactttct	ctccgagtac	ctcatgatcc	agcacgaaa			579

<210> 1809
 <211> 1327
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc feature
 <222> (677)...(1329)
 <223> similar to gi3327154 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

001210 "E23450

<400> 1809						
tgatagacat	ggtgagaccc	tttgtattca	ttttcttgga	cccagcactg	gcagtacagc	60
aaagacgggg	ggccgtaact	ggctgaagac	tggcaactgc	ctctatggaa	acacatgtag	120
attcgtacat	ggcccttcac	ctcgtggtaa	aggttatagc	agcaattata	gaaggtcacc	180
agaaagacct	acaggggatc	ttagagaaag	aattaagaac	aagcgccaag	acgtggacac	240
tgagccccag	aaacgaaata	cagaggagtc	atcctcacct	gttaggaaag	aatcttcaag	300
agggagacat	agggaaaagg	aagacataaa	aatcactaag	gaaagaactc	cagaaagtga	360
agaagaaaat	gtagaatggg	aaactaatag	agatgattct	gacaatggag	atattaatta	420
tgattatggt	catgaattgt	cattggaaat	gaagcgtcag	aagatacaga	gggaattaat	480
gaagctggaa	caagaaaaca	tggagaagag	agaagaaatt	atcattaaaa	aggaggtttc	540
accagaagtg	gttagatcaa	aattgtcccc	gtcaccttct	ctaagaaagt	ctagcaaatac	600
tccgaagcga	aatcaagcc	cgaagtcgtc	ttcagctagc	aagaaagata	ggaagacatc	660
tgcagtatct	tctcccctgt	tggaccagca	gagaaattca	aaaaccaacc	aaagtaaaaa	720
gaaaggacca	cgtactccta	gtccaccccc	tcctatacca	gaagatatcg	ctctggggaa	780
aaaatacaaa	gaaaaatata	aagtaaaaga	caggatagaa	gaaaaaaca	gagatggaaa	840
ggacagagga	cgagattttg	aacgacaaag	agaaaagaga	gacaagccaa	ggtctacttc	900
cccagcagga	cagcatcatt	ctcctatata	ttctagacat	cactcatctt	cctcacaatac	960
aggatcatct	attcaaagac	attctccttc	tcctcgtcga	aaaagaactc	cttcaccatc	1020
ttatcagcgg	acactaactc	cacctttacg	acgctctgcc	tctccttatac	cttcacattc	1080
tttgtcgtct	ccccagagaa	agcagagtc	tccaagacat	cgctctccaa	tgcgagagaa	1140
agggagacat	gatcatgaac	gaacttcaca	gtctcatgat	cgacgccacg	aaaggaggga	1200
agatactagg	ggcaaacgag	acagagaaaa	ggactcaaga	gaagaacgag	aatatgaaca	1260
ggatcagagc	tcttctagag	accacagaga	tgacagagaa	cctcgagatg	gtcgggatcg	1320
gagagaa						1327

<210> 1810
 <211> 1632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (404)...(1379)
 <223> similar to gi3417386 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1810

acagaaaacc	ctgaaaaaacc	tatgacatga	tcaccagttt	cactggactg	actattagga	60
atttgggcct	ggaagacaac	aattcagttc	gagattctgg	tacacaagcg	tgtgagcgtc	120
ccccaaggct	agtgtgggca	tggcccctga	ggtgagcacg	gactcattcc	ctgtggtgag	180
cgtggacgtg	tcgcctgtgg	tgagcacata	tgattctgag	atgagcatgg	acgcatcccc	240
cgagttgagc	atagaagcac	ccccgaaggt	ggacctggaa	acagttccca	aggtgagcat	300
agtagcatcc	ccggaggcga	gcctggaagc	acccccggaa	gtgagtctgg	aagcactgcc	360
agaggtgagc	gtggaagcag	ccccagaggg	gagcctggaa	gcacctccca	aggggagcgc	420
agaagtagcc	cccaaggaga	gtgtgaaagg	gtcacccaag	gagagcatgg	aggcatctcc	480
tgaggcgatg	gtgaaagcat	cccccaagac	atcccttgaa	gcaagcatgg	aagcatctcc	540
caaggcaaaa	gcgagagacg	ctccaaagaa	atcagaaatg	gacaaacagg	ccttaatccc	600
tattgccaaag	aagcgtctat	catcatcacac	tgagtgttat	aaatgggtcat	catctcctgc	660
aaatgcttgt	ggtctgccgt	ctcccatcag	cactaacagg	caaatccaaa	agaactgccc	720
tccatcacca	ttaccactta	tttcaaaaaca	gtcaccacag	acttcttttc	cttataaaat	780
aatgcctatt	caacacacccc	tgtctgtgca	aagtgcacat	agtactgtca	aaaagaaaaa	840
agaaacagtt	tctaaaacca	ctaacagatg	tgaggctttg	agccaaaggc	atatgatcta	900
tgaagagtct	ggtaataaga	gtactgcagg	tattatgaat	gccgaggcgg	caacaaaaat	960
tttgacagaa	ttgcgccgcc	ttgctcgtga	acaaagagat	aaagaggaag	aagaaagaca	1020
acgggaagaa	atgcagcaaa	gggtcattaa	gaaatcaaaa	gacatggcaa	aggaagcagt	1080
tggaggccaa	gcagaagacc	acttgaaact	caaagatggg	cagcaacaaa	atgagactaa	1140
aaagaagaaa	ggatggctgg	atcaggaaga	ccaggaagca	ccactgcaga	aaggggacgc	1200
caaaataaaa	gctcaagagg	aagctgacaa	acgcaagaaa	gaacacgaga	gaattatggt	1260
acaaaattta	caagaacggt	tagaaaggaa	aaagagaata	gaagaaatta	tgaagcggac	1320
aagaaagaca	gatgtgaatg	cctcaaagggt	cacagaaaca	tccagccatg	acatatatga	1380
agaggctgag	gctgacaacg	aagaaagcga	caaggactca	ttgaatgaaa	tgtttccatc	1440
agccattcta	aatggcacag	gtcacctac	caaattttaa	atgccgttca	acaatgccaa	1500
gaaaatgaca	cacaagctgg	tattttctaga	agatggtacc	agccagggtcc	gtaaagagcc	1560
aaaaacatat	tttaatggcg	atttgaaaaa	cttcagacaa	aaaagcatga	aagacacttc	1620
aatacaggaa	gt					1632

<210> 1811
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (8)...(472)
 <223> similar to gi798832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 1811
ccgtcacatc ccccgccagc ttgtagatgc ctggattgag atgggcagcc ggctggatgc      60
tcgtcagctc attcctgccc tggatgaacta cagccagggt ggtgagggtcc agcagggtgag    120
ccaggccatc cgctacatgg agttctgcgt gaacgtgctg ggggagactg agcaggccat      180
ccacaactac ctgctgtcac tgtatgcccg tggccggccg gactcactac tggcctatct      240
ggagcaggct ggggccagcc cccaccgggt gcattacgac ctcaagtatg cgctgcggct      300
ctgcgccgag catggccacc accgcgcttg tgtccatgtc tacaagggtcc tagagctgta      360
tgaggaggcc gtggacctgg ccctgcaggt ggatgtggac ctggccaagc agtgtgcaga      420
cctgcctgag gaggatgagg aattgcgcaa gaagctgtgg ctgaagatcg      470

```

```

<210> 1812
<211> 420
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (82)...(211)
<223> similar to gi5163412 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1812
ctcagggatt gaggatggta ttcccagggc tttagggtct aggcctattg gggaaggaaa      60
acaccatggc tcaccatcag ctctttcttg cctacaccag gatctcccta ctacgataat      120
gtccgtccac tctgctacag cgactcggat gcagtattac tatgttttga catcagccgt      180
ccagagacag gggacagcgc actcaagaag gtaagactag atcaactctc taatctctaa      240
ctcagcatga ggaccaagaa ggaatcgggg ccttgatcat aatgccctct tgtataacat      300
caagaaatgg aagccaggga aggaagagat ttgcccagg ccacaccatt agctacagct      360
ctgggactgg aacttggtgc tccttacccc actgcctccc gccctttttg ttatcccatg      420

```

```

<210> 1813
<211> 414
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(133)
<223> similar to gi805095 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1813
tatacactac gtagccatta tgatggagca cgggcattaa cttttcatcc tgaagaacct      60

```

```

gggctgggta ctgcttctga ggaccatacc ctgaaacttt ggaacctgca aaaaacaggt 120
cctgccaaaa agcaagtatt ttagtgtag cctggtgtat ttcttccaat tttgctaata 180
taagcaatta ttcctcatta ttgatgcatg tctttaatgc acacatttga tctagtgact 240
atttaatatc aaccagcgat tcatagttat ttaaagcct tctcttcccc tacccttttt 300
ccccctcttt taagagtgcc tcttttagatg tagagcctat ctacacattt agggcccaca 360
tgtaagtttt actgagttgg ggtttaatta acatcatcat tattgttaaa tatt 414

```

```

<210> 1814
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (21)...(516)
<223> similar to gi3724105 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1814
agactgccgc agcgactcat cctatcgata aggttcagtt agccaagggtg gaggatggga 60
aaagaatgga actgtcccag ctactcaatg agatcagggc aaactatgaa aagatcctca 120
ccagaaatca gatagagacg gtgctctcaa caaggatcca gctagaagaa gacataagca 180
aaaaaatgga caaagatgaa gaggctttga aggcagctca agcagaactc aaggaggccc 240
gacgccagtg gcaccacctg caagtggaaa ttgaatctct ccatgctgtg gaaagggggcc 300
ttgaaaactc cctacatgcc agcgagcagc attaccagat gcagctgcaa gacctagaga 360
ctgtgattga aggactagaa aaagagctac aggaagtaag gcgcggcatc gaaaagcagc 420
ttcaagagca cgagatgctt ctcaacacga agatgaggct ggaacaagaa atagcaactt 480
atcgccacct cctagaaaaa gaagaaatca gatattatgg ttgtatccaa ggtgggaaaa 540
aaagacaaaa agcctaccac aagtagagtt ggttttgttt taccatcacc c 591

```

```

<210> 1815
<211> 401
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(404)
<223> similar to gi6018323 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1815
ggcgctacca tgggccaaaca tttgccaaagg ctgctcagga ttactgtggc atggcttggt 60

```


<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (28)...(621)
<223> similar to gi4650844 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1817

tccgaaactc	tccgatgaac	accacgccaa	gcttggcacg	agggtgaaga	ctttgtaagt	60
gtatcaccgc	agcacctcca	taagcttttg	tcctccagtg	atctaaatat	tgaaaatgaa	120
aagcagggct	ataatgctgc	catcaagtgg	cttcttgcca	atcctcagca	tcattccaaa	180
tggttgatg	aaacacttgc	acaggttcgc	ctgccattgt	tgccggttga	ttttcttatg	240
ggtgtgggg	caaaagaaca	gattgtcaag	caaaatctaa	aatgtagaga	tttactggat	300
gaagcaagaa	attaccacct	tcacttgagt	agcagagcag	tacctgactt	tgaatactcc	360
attcggacta	cccccaaggaa	gcatactgct	ggtgtgctgt	tttgtgtaag	tggtcgaggt	420
ggatctggtg	acctctttcg	cagtattgaa	tgctattcta	tcaacaaaaa	cagttggttc	480
tttgaccag	aatgaatag	tcgaaggcga	catgtgggtg	taatctctgt	ggaaggtaaa	540
gtgtatgcag	taggtggaca	tgatggaaat	gaacatttag	ggagtatgga	gatgtttgat	600
cctctcacta	ataaatggat	gatgaaggca	tcaatgaaca	caaagaggta	gag	653

<210> 1818
<211> 801
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(482)
<223> similar to gi3717258 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1818

ggaaagtcta	aatgctgtaa	ctagcaattg	gcaaaagcaa	gtggacaagg	cattggagaa	60
actcagagac	ctgcagggag	ctatggatga	cctggacgct	gacatgaagg	aggcagagtc	120
cgtgcggaat	ggctggaagc	ccgtgggaga	cttactcatt	gactcgctgc	aggatcacat	180
tgaaaaaatc	atggcattta	gagaagaaat	tgaccaatc	aactttaaag	ttaaaacggg	240
gaatgattta	tccagtcagc	tgtctccact	tgacctgcat	ccctctctaa	agatgtctcg	300
ccagctagat	gaccttaata	tgcgatggaa	acttttacag	gtttctgtgg	atgatgcgct	360
taaacagctt	caggaagccc	acagagattt	tggaccatcc	tctcagcatt	ttctctctac	420
gtcagtcag	ctgccgtggc	aaagatccat	ttcacataat	aaagtgcctt	attacatcaa	480
gtaagttgat	tttaattctc	ctttatgata	ccaagaaaat	catgttttat	tgataactta	540
agaggcttct	ccccccataa	cttttaaaaa	tagaattcag	tcctattatc	tgaaagaaac	600
tgtgatatag	ttaatatata	aaagaaacta	cttttaacat	gagaattata	tttttcatgt	660
atcagattag	ggatataggt	gtgttttagct	gatatatatt	aaagtagaga	tttaaatatt	720
tggagacaga	caataagcta	tgatggccgt	actgtattcc	agcctggaca	acaaagcaag	780

atccagtctc taaaaagtaa a

801

<210> 1819
<211> 840
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (259)...(841)
<223> similar to gi5922723 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1819
cagcacacag aattaaaata cagacattta atagatatga tttgcagatt ccagaattgt 60
gttttaatat catgcttttc acagtaagtc atattaacac ctcccttctta atattacaca 120
gttgtgacac ctagtctctt ggctaattgc tgggttctga aattttcaat agataaattt 180
tatatatattg tacctatgag tgtattatat tgcctattct gttattctga atcactaaac 240
taatgtatat gggatattca gcaatactta aacagaagac gacaaaatga aataatggcc 300
aaaatccaag cagctattat acagattcct aaacctgcat caaatcgtac tttgaaagca 360
ctcgaggccc aaaaaatgat gaaaaagaaa aaagaggcag aagatgtggc tgatgaaatt 420
aagaagttcg aagcattaat aaaaaaggat ctccaagcaa aagaaagtgc atccaagact 480
tctttagata cagcaggcca gacaaccacc gatttgtaa atacttactc agatgatgag 540
tacattaaaa aaatccagaa gcgccttgaa gaagatgctt ttgcacgaga gcaaagggag 600
aaaagacggc ggaaattgtt aatggaccag ttaatagccc acgaagcaca agaggaggct 660
tatcgggagg aacagctgat taaccggctg atgcggcagt cccagcagga gcgcaggatt 720
gccgtgcagc tcatgcatgt tcggcatgaa aaggaagttt tatggcaaaa cagcattttc 780
agagaaaatc aacatgagga aagacgaaat aaagatttcc aggatgctct tgatcgagaa 840

<210> 1820
<211> 537
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (315)...(540)
<223> similar to gi2749752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1820
aaaagcggcg cggctcgttc aagatggcgg agctcgacca gttgcctgac gagagctctt 60
cagcaaaagc ccttgtcagt ttaaaagaag gaagcttattc taacacgtgg aatgaaaagt 120

acagttcttt	acagaaaaca	cctgtttgga	aaggcaggaa	tacaagctct	gctgtggaaa	180
tgcctttcag	aaattcaaaa	cgaagtcgac	ttttttctga	tgaagatgat	aggcaaataa	240
atacaagggtc	acctaaaaga	aaccagaggg	ttgcaatggt	tccacagaaa	tttacagcaa	300
caatgtcaac	accagataag	aaagcttcac	agaagattgg	ttttcgatta	cgtaatctgc	360
tcaagcttcc	taaagcacat	aaatgggtgta	tatacgagtg	gttctattca	aatatagata	420
aaccactttt	tgaaggtgat	aatgactttt	gtgtatgtct	aaaggaatct	tttcctaatt	480
tgaaaaacaag	aaagttaaca	agagtagaat	ggggaaaaaat	tcggcgggctt	atggggaa	537

<210> 1821
 <211> 436
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(437)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (219)...(430)
 <223> similar to gil63078 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1821		
aaagcttagc	atgtagtttg gcgttaaatt taagatgttt taaaaactgt ttttttctca 60	
tacnggaggt	tctatatattt taatgatgtg gaaaaactaa gttaagttgt ctttccagag 120	
tcaaaaggaa	ttaaggtcat tataatccag taagagttag ttttcagcag gcacaaggat 180	
gaaggtgtaa	gtactacgag ggagggactt ggatgcacaa ggagggagaa ggagggaggg 240	
aagaggaggg	agaagggggg aggaaagagg agggagaagg agggagggaa gagggaggag 300	
aaggaggggag	ggaagaggag ggagaaggag ggagggaaga ggagggagaa ggagggaaga 360	
ggagggagaa	ggagggaggc aagaggaggg agaaggaggg agaaggaggg aggggaaggag 420	
agggagaagg	agggag	436

<210> 1822
 <211> 659
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = a,t,c or g

<220>
 <221> misc_feature

<222> (1)...(659)
 <223> similar to gi473969 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1822
 tctctctttg ccagtaaatgt tggaagtgga catttcattg gcctggcagg gtcagggtgct 60
 gctacgggca tttctgtatc agcttatgaa cttaatggct tgttttctgt gctgatgttg 120
 gcctgggtct tcctacccat ctacattgct ggtcagggtca ccacgatgcc agaataccta 180
 cggaagcgct tcggtggcat cagaatcccc atcatcctgg ctgtactcta cctatttata 240
 tacatcttca ccaagatctc ggtagacatg tatgcgggtg ccatcttcat ccagcagtct 300
 ttgcacctgg atctgtacct ggccatagtt gggctactgg ccatcactgc tgtatacacg 360
 gttgctggtg gcctggctgc tgtgatctac acggatgccc tgcagacgct gatcatgctt 420
 ataggagcgc tcaccttgat gggctacagt ttgcgcgcgg ttggtgggat ggaaggactg 480
 aaggagaagt acttcttggc cctggctagc aaccggagtg agaacagcag ctgcgggctg 540
 ccccggaag atgcctttca tatttttcga gatccgctga catctgatct cccgtggcgg 600
 ggggtcctat ttggaatgtc catcccatcc ctctggtact ggngcacgga tcagggtgaa 659

<210> 1823
 <211> 2024
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(2025)
 <223> n = a,t,c or g
 <220>
 <221> misc_feature
 <222> (20)...(793)
 <223> similar to gi4589640 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1823
 cgacccacgc gtccgctttg ttctctgaac ttggatcttt cctgctgaat atactcaatt 60
 ccaaaattat gtgaaagaat tgaagaaaaa acggaagcag aaaactttta tagtgaaacc 120
 agctaattgt gcaatgggtc atgggatttc tttgataaga aatgggtgaca aacttccatc 180
 tcaggatcat ttgattgttc aagaatacat tgaaaagcct ttctaatagg aagggttaca 240
 gtttgactta cgaatttata ttctgggtac atcgtgtgat ccactaaaaa tatttctcta 300
 ccatgatggg cttgtgcgaa tgggtacaga gaagtacatt ccacctaatg agtccaattt 360
 gacccagtta tacatgcata tgacaaacta ctccgtgaac aagcataatg agcattttga 420
 acgggatgaa actgagaaca aaggcagcaa acgttccatc aaatgggtta cagaattcct 480
 tcaagcaaat caacatgatg ttgctaagtt ttggagtgat atttcagaat tgggtggtaa 540
 gacctgatt gtagcagaac ctcatgtcct gcatgcctat cgaatgtgta gacctgggtca 600
 acctccagga agcgaagtg tctgctttga agtcctggga tttgatattt tgttggatag 660
 aaaactaaag ccatggcttc tggagattaa ccgagcccca agctttggaa ctgatcagaa 720
 aatagactat gatgtaaaaa ggggagtgct gctaaatgcg ttgaagctac taaacataag 780

```

gaccagtgc aaaagaagaa acttggccaa acaaaaagct gaggtcaaa ggaggctcta 840
tggtcaaaat tcaattaaaa ggctcttacc aggtcccca gactgggaac agcagagaca 900
ccagttggag aggcggaaaag aagagttgaa agagagactc gctcaagtac gaaagcagat 960
ctcacgagaa gaacatgaaa atccgacata tggggaatta tagaccgaat ttatcctcct 1020
gaagataaaag cattacttga aaagtatgaa aatttgtag ctgttgcctt tcagaccttc 1080
ctttcaggaa gagcagcttc attccagcga gagttgaata atcctttgaa aaggatgaag 1140
gaagaagata ttttgatct tctggagcaa tgtgaaattg atgatgaaaa gttgatggga 1200
aaaactacca agactcgagg accaaagcct ctgtgttcta tgcctgagag tactgagata 1260
atgaaaagac caaagtactg cagcagtgc agcagttatg atagtagcag cagctcttca 1320
gaatctgacg aaaatgaaaa agaagagtac caaaataaga aaagagaaaa gcaagttaca 1380
tataatctta aaccctccaa cactacaaa ttaattcaac aaccagctc cataagacgt 1440
tcagtcagct gccctcggtc catctctgct caatcacctt ccagtgggga caccgcca 1500
ttttctgctc aacaaatgat atctgtgtca cggccaactt ctgcatctcg gtcacattcc 1560
ttaaacctg cttcctccta catgaggcat ctgcctcaca gtaatgatgc ctgctctacc 1620
aactctcaag tgagtgaagc tttgcggcaa ctgaaaacaa aagaacaaga agatgatcta 1680
acaagtcaga ccttatttgt tctcaaagac atgaagatcc ggtttccagg aaagtcagat 1740
gcagaatcag aacttctgat agaagatata attgataact ggaagtatca taaaacccaaa 1800
gtggcttcat attggctcat aaaattggac tctgtaaaac aaccgaaaag ttttggacat 1860
agtgaaaaca agtattcgta cagttcttcc acgcatctgg aagggtgcctg atgttgaaga 1920
agtaaattta tatcggttt tcaaccgggt ttttaatcgc ttactctgga gtcgtggcca 1980
aggntgttgg aactgtttct gtgattcagc attcctcttg ggag 2024

```

```

<210> 1824
<211> 395
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(207)
<223> similar to gi4107015 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1824
atccggggccc ggaactacca gcttggccag ggcattgtgg atggggacat cccgccccgg 60
gtgaagaagg acgtcacga gctcatcctg gactttatcc gtcacggcc tccactgaag 120
caggtctctg agaggcggct gcgcccgttg ccaccaaagc aaaggtccct gcatgagaag 180
atcctggagg agatcaagca ggagcggagg ctgcgcccgg tgcggggcga gggctgggct 240
gcccgcgggt ttggctctct gccctgcata ctcaacgcct gtcgggaga tgccaagtcc 300
acctcctgca tcaacctgtc agtcacagat gctgggggca gcgcccagcg cccgcggccc 360
cgcgtgctgc tcaaggcgcc taccttggct gaaat 395

```

```

<210> 1825
<211> 826
<212> DNA
<213> Homo sapiens

```


<220>
 <221> misc_feature
 <222> (1)...(827)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (38)...(735)
 <223> similar to gi577299 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1825

cggacgcgtg	ggacaagcctt	catcaaacc	agaagtcac	aagataaatt	caattctgga	60
tatagtaaca	aaagtggaaa	actattatct	taaaggatat	attgtcgggg	ctattcatcc	120
tggtatacaa	cctgtggggc	agcgaaaaca	cctacctgca	agttacctat	acagagtggg	180
gctattgcgc	ttgaaattaa	gcccagaaga	ttcggcagca	cccagtggac	aaagacgccc	240
aaggctcgtg	attgaggaat	gtcccctaac	ttctgaggca	caaacaaatg	acgcagcaaa	300
agaactgata	gaaaagatta	atgtcgtctg	taaaagagga	atgaaatttg	ttggattcat	360
atcacagcat	tattctccat	ctaaattctg	caatggaacc	aacctgatg	gagatataga	420
atcgatgcta	catgtgagac	acggttcaga	tgaaaactgt	agaagttgga	atgaagggac	480
gttaagtggg	cagtcacatc	aaagcggaat	tgaggaagaa	cttcatcatg	aaagtggaca	540
gtatcaaata	gaacaaaatg	gcagccctac	ttcctctaaa	tcaagaaagg	gagaagcctc	600
agataacaaa	ttgtatacag	tcttcaatgc	ttttgatgat	gattcaacct	cctgggccta	660
tcaggaaggc	atcctgtcaa	tgaaagtaac	aagaaaagga	tcagtcatta	gtacacttga	720
tgctgattgg	ctgggagtta	actacctttt	attattaaac	aaggcttgct	tttaatttga	780
ttcttttgta	ttctggggaa	acatcttaaa	gggggaacn	tttgcc		826

<210> 1826
 <211> 1114
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (127)...(1043)
 <223> similar to gi2246532 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1826

ctggaacatg	cagcagcttt	gcggggcccta	caagatcagg	tatccatcca	gagtgcagat	60
gcacaggaac	aaggggaagg	gcttttggct	gaaaacaatg	ccttgaggac	tagcctggct	120
gccctggagc	agatccaaac	agcaaagacc	caagaactga	atatgctccg	ggaacagacc	180
actgggctgg	cagctgagtt	gcagcagcag	caggctgagt	acgaggacct	tatgggacag	240
aaagatgacc	tcaactccca	gctccaggag	tcattacggg	ccaatagtcg	attgctggaa	300
caacttcaag	aaatagggca	ggagaaggag	cagttgaccc	aggaattaca	ggaggctcgg	360
aagagtgcgg	agaagcggaa	ggccatgctg	gatgagctag	caatggaaac	gctgcaagag	420

09488725.012100

```

aagtcccagc acaaggaaga gctgggagca gttcgtctac ggcatgagaa ggagggtgctg 480
ggggtgctgt cccgctatga gcgtgagctc cgagagctgc atgaagacaa gaagcgtcag 540
gaggaggagc tccgtgggca gatccgggag gagaaggccc ggacacggga gctgggagact 600
ctccagcaga cagtggaaga acttcaagct caggtagatt ccatggatgg agccaagggc 660
tggtttgaac ggcgcttgaa ggaagccgag gaatccctgc agcagcagca gcaggaacaa 720
gaggaagccc tcaagcagtg tcgggagcag cacgctgccg agctgaaggg caaggaggag 780
gagctacagg atgtacggga tcagctcgag caggcccagg aggagcggga ctgccacctg 840
aagaccatta gcagcctgaa gcaggagggtg aaggacacag tggatgggca gaggatcctg 900
gagaagaagg gcagtgcctgc gctcaaggac ctcaagcggc agctgcattt ggagcggaaa 960
cgggcagata agctgcagga gcgactgcag gacatcctca ctaacagcaa gagccgctca 1020
ggccttgagg agctggttct ctcagagatg aactcaccaa gccggaccca gacagggggac 1080
agcagtagca tctcctcctt cagctaccgg gaga 1114

```

```

<210> 1827
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(373)
<223> similar to gi3540177 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1827
cttagagtac atcagacaat tcatgctgga gagagaccct atgaatgcaa agaattgtggg 60
aaggccttta gacttcatta tcaactaact gaacatcaaa gaattcatalc tggtagagag 120
ccttatgaat gtaagggttg tggcaagacc tttagggtac aacgacatat tagtcaacat 180
cagaaaattc atactggtgt caaaccttat aaatgtaatg aatgtgggaa ggcctttagt 240
catggctcat accttggttc acatcagaaa attcatalcgt gtgaaaaacc ctacgaatgt 300
aaagaatgtg gtaagtcctt tagttttcat gcagaacttg ctcgacatcg tagaattcat 360
actggtgaga aa 372

```

```

<210> 1828
<211> 974
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (122)...(778)
<223> similar to gi2280485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1828
ctggagcggg cccgccggac gctaccgcct ttccagccgg agccagcgcg agctcggcac    60
gggggacacc cgggtccgagg ccggcaagcc ggctggtgcc cgagtcggcc aagcatgggc    120
aaccactcag gacggccccga ggatccggaa ccaggtggaa aaggattatt catacctgaa    180
ggagatatgt gatcaccaag ccgaacagct gagcagaacc agcctaaagc tgcaagaaaa    240
agcatcagag agtgatgcag agatcaaaga catgaaagaa accatatttg aattggaaga    300
tcaggtggaa cagcaccggg ctgtcaagtt acacaataat caactcatca gtgagctaga    360
aagtagtgtg atcaagctgg aggaacagaa gtcagacctg gagaggcagc tgaagactct    420
gaccaagcag atgaaggagg agaccgagga atggaggcgg ttccaggcgg atctgcagac    480
cgcagtgggt gtggccaatg acatcaagtg tgaggcccag caggagctgc gcaccgtgaa    540
gaggaaactg ctggaggagg aggagaagaa tgcccggttg cagaaggagc tgggggatgt    600
gcagggccac ggaggggtgg tcaccagcag agccgcccct ccacctgtgg atgaagagcc    660
agagtcctct gaggtcgatg ctgctggtcg gtggcctggt gtctgtgtta gcagaacatc    720
tccaacaccc ccagagtcgg caaccacagt taagtcactt atcaagtcac ttgacttggg    780
acgccagagt atttaatcat tttttctata agcaaagctc caaattcaaa ctttggcccg    840
acatttgata tgtctactat ctctactcca ccctggccct gtgttggttac aaccacaagg    900
gcgctttcca ggtcctacca cgtgcagcca ctgcatgcag gagcctggct gaggctccag    960
ggaggcactg atgg                                     974

```

```

<210> 1829
<211> 1033
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1034)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (846)...(1027)
<223> similar to gi2407788 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1829
cccacgcgtc cggatgtgtg ctcacacttg ggggacctga ttggggcttc agaccttggg    60
ggcctgtccg caggggtctcc tccatccttc ttgatttgcc tgtcattgag gctgcccgt    120
ctgggcgcca ttccccagcc taacacctct tctcagtcct tccttgcagg tccctggagt    180
ccaggccttg gggcagtgaa gaaaccgtgg ggaggggcat gagatgccag tccccaaagt    240
ccttggggagc ccttgtgggc caagtcattg taggacacac cctctcctgg gcattgctga    300
ggtcacccag tgagcctagg ctcccccttc ctcccatccc cagcctgggg gaaccttcag    360
cgtctctcct ccctgtaggc cccggtcag cttcccagga acttttggtg gtgggtacta    420
gtagggtaag gcagttcttc ccatcatgag ggagaccttg ggagacttcc attaccaaatt    480
ccattgctgc cccgaccttc ctgggactga tctgggtcac cctggtctcc tgatcttggg    540
gaagtcaagt tcttatccca gacttgagag gttacaagcc tccaggtctc tggcaaagt    600
tggagatgat ggacagccat ttgtacacac accagccagt cccttagcat atctctcttg    660
gttttgtctc aggtctgcct cagccacctc cctgacgctg tccactgtg tggatgtggt    720
gaaggggctt ctggatttta agaagaggag aggtcactca attgggggag cccctgagca    780

```


gatggtggcg	tggaacatga	gtgaagcgca	caaagtggtc	gacttgctgc	gtcatgcgcc	360
gaaagatgac	atcatcgtca	tgctgctgtg	catgtcgtg	accgtgttgt	ttgatatggt	420
tattg						425

```

<210> 1832
<211> 335
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(89)
<223> similar to gil65650 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1832						
gtcaaaaacg	atttcctagc	aactgtggcc	gtgatggaaa	actgtttctt	tggggacaag	60
cacttcatat	catcgcaaaa	ctcctgggta	agtggagaag	attgggaatg	gtatTTTTTT	120
ccttgttatt	aagctattag	aaataaatat	gcctttgctg	gcacataata	gtactttggt	180
acaacaggat	atcctatgga	gtttaaaaat	aagtatttaa	aatataacaa	atctgtatta	240
gtccattctc	atgtactaa	taaagatata	cccaagactg	ggtaatttat	aaaggaagga	300
gttttaatgg	cctcacagtt	ccgtcgacgc	gggcg			335

```

<210> 1833
<211> 592
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(588)
<223> similar to gi3881842 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1833						
cctgacctcc	tctgtggacc	tgtactttgg	ggcgcacccat	cccctccatg	tgacaatggt	60
gcccaatccc	tcgcacctgg	aggccgtcaa	ccccgtggcc	gtggggcaaaa	ctcgcggcag	120
gcagcagtct	cgccaagacg	gcgattactc	tccagacaac	tcagcccagc	cgggggacag	180
ggtcatttgc	ttacaggtcc	atggtgatgc	ttttttctgt	ggtcaaggga	ttgttcctga	240
aacattcacg	ctgtccaatc	tcccacattt	caaaattggt	gggagtgtgc	atttgattgt	300
taataaccag	ctgggttaca	ccactccagc	tgaaagagga	aggtcttctt	tatactgcag	360
tgatattggg	aagcttgtgg	gctgtgccat	catccatgtc	aatggagaca	gcccagagga	420
agtgggtccg	gccacacgac	tggcttttga	ataccaacgc	cagttccgca	aggatgtgat	480

tattgatctg	ttgtgctaca	gggcaggggg	ccacaatgag	ctggatgagc	cattctacac	540
caaccccatc	atgtacaaaa	tcatcagagc	tcggaagagc	attccagaca	ca	592

<210> 1834
 <211> 556
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (4)...(536)
 <223> similar to gi3811347 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1834		
gttcacgtct	gcagcagtaa	gatgggagct
caggaactgg	gggtccggga	gcgcagtggc
ctccttggtg	agtatctcct	gtaccaggag
gaggcggtcc	gccaggggtca	gaacccttac
aacttgagtg	gggaagatth	tgcagagtgg
cccaagtacg	gggcttatgt	tcccaccgag
ttgctgcagc	tccagcctga	accccgatc
tttgccacca	gcctggatga	gatcttccta
gagtgggtaca	gaggcagtgt	gaatatcaca
ncctcgacgc	gggaat	

agcggctaca	gtactacact	60
ccctcatcga	cctctggggc	120
ccaagctgtc	tgaccaacag	180
ccagtgtcaa	cgcccgacc	240
cgccctatga	ggttggcttc	300
cagaactctt	catgggacga	360
aaggatgtg	gggcagcgcc	420
gctcgggcct	cagcttcctg	480
agaagcctca	gctgcacaac	540
		556

<210> 1835
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(681)
 <223> similar to gi5457791 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1835

```

gcgagagctt cacaaggaag ttgaagtagc taagaggaat ttggcccaac agaaaattat    60
atcagaaatg gagtctaagt tagtagaaca acaacttgca gaagaaaaca agctttttaa    120
ggagcaagaa aacatgaaag agctagtagt caaccttctc cgcattgactc aaatcaaaat    180
tgatgaaaag gaacaaaagt ccaaggattt cctgaaagct cagcaaaaat acaccaacat    240
tgttaaaagaa atgaaagcaa aggatcttga aatcaggata cacaagaaga aaaaatgtga    300
aatttatcgg agactgagag agtttgctaa actgtatgac accattcgaa atgaaagaaa    360
caaatttggt aacttactcc acaaagctca tcagaaagta aatgaaataa aagaaaggca    420
taaaatgtca ttaaataaac ttgaaattct gagaaatagt gccgttagtc aagaaagaaa    480
gctacaaaat tccatgctga aacacgccaa caatgttacc atcagagaga gcatgcaaaa    540
cgatgtgctg aaaaattgtat caaaacttca ggaaatgaaa gaaaagaagg aagcccagtt    600
aaataacatt gacagacttg ccaacacgat cacaatgatc gaagaggaga tgggtgcagct    660
tcgcaaaaga tacgaaaaag ctgttcagca tcgaaatgaa aggaggggtc tttctcctgg    720
catgattaca aaggatagat ttttgctgtt ttatggggaa atcacaacca gaaatattca    780
acttgagaag aaactaatgg gccta                                     805

```

```

<210> 1836
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(89)
<223> similar to gil228035 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1836
ggagaactgg ctcccaatga tagatgttgc cgtgtgtgtg gaaaaatagg ccactacatg    60
aaagactgcc ctaaaaggaa aaggttggca aatgaatata tatcaacatt ttgaggaaaa    120
taaatagagag gccaatgtgt agctataatt atgttcagaa atgtttaact gagaaagttt    180
agggtattta attataccta aggtaaatgt tcatttgagt ggaattttgt aatagggtaa    240
gatttgcatt tgggtataata gtatcttcta acattcattt gttcatttat tcattaattc    300
actcagtttt tttttggttt tggttttggt tttatttttg ttttttttga gacggcatct    360
cgccctgtcg cccaggctgg agtgcaatgg tgtgatctcg gctcactgca tcctccgc     418

```

```

<210> 1837
<211> 631
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (250)...(629)
<223> similar to gi60369 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1837
gaattttctgg gtcgtcccac gcgtcccgca aaggatgagg gaaacgatga gggaaaggat 60
gagggaaaagg atgaggggaaa ggatgagggga aaggatgagg gaaaggatga gggaaaggat 120
gagagaaaagg atgaggggaaa ggatgagggga aaggatgaga gaaaggatga gggaaaggat 180
gagggaaaagg atgaggggaaa ggatgagggga aaggatgagg gaaaggatga gggaaaggat 240
gagggaaaagg atgaggggaaa cgatgagggga aaggatgagg gaaaggatga gggaaaggat 300
gagggaaaagg atgaggggaaa ggatgagggga aaggatgagg gaaacgatga gggaaacgat 360
gagggaaaacg atgaggggaaa ggatgagggga aaggatgaga gaaacgatga gggaaaggat 420
gagggaaaagg atgaggggaaa ggatgagggga aaggatgaga gaaacgatga gggaaaggat 480
gagagaaaagg atgaggggaaa ggatgagggga aaggatgagg gaaaggatga gggaaaggat 540
gagggaaaagg atgaggggaaa cgatgagggga aaggatgaga gaaaggatga gggaaaggat 600
gagggaaaagg atgaggggaaa ggataagtaa g 631

```

```

<210> 1838
<211> 667
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(633)
<223> similar to gi2246532 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1838
ggaaaaacaa gcaacagatg acattatcaa aaatatgtct tttgaaaacc aagtcaagta 60
cctagagatg aaaaccacaa atgagaaact gttacaggaa ttagatacac ttcaacaaca 120
attggattca cagaacatga aaaaagagag cctggaagca gaaatagctc actcccagggt 180
gaaacaggag gcggtattgc tgcataaaaa actttatgag ttggagtccc atcgagatca 240
aatgattgca gaagacaaaa gcataggatc tccaatggaa gagagagaga aattacttaa 300
gcagattaaa gatgataatc aggaaatagc cagcatggaa agacagttaa cagatacaaa 360
agaaaagata aatcagttta ttgaagaaat tagacaactt gacatggatt tagaggaaca 420
ccaaggtgaa atgaaccaga aatacaagga gctaaagaaa agggaggaac atatggacac 480
ttttattgag actttttgagg aaacaaagaa tcaggaactg aaacgaaagg cacagataga 540
agccaacatt gttgcactct tggagcactg cagtcgaaat ataaatcgta tagaacagat 600
atcctctatc accaatcaag agctaaagat gatgcaggat gacctcaatt ttaaacttac 660
tgaagcg 667

```

```

<210> 1839
<211> 360
<212> DNA
<213> Homo sapiens

```


<220>
 <221> misc_feature
 <222> (41)...(239)
 <223> similar to gi4558557 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1839
 tgatattgcc ttaaaagatg ctgaaaaagt tcacttcac ctagtggaag aggtgaccac 60
 aagattcaag gtggatggaa aacacagaaa gaaaaattca gtgtttgaaa gacttcaa 120
 tgatattcaa cacttgtgtt tgaacaagat tcctgtgcta agagaagaaa aactacctgt 180
 ggtaggaatt ggaaagcatc tgtgtggtat ggcaacagat cttgcattac gatgtttggt 240
 tgaaacctat gctgccagtt ttgaggaaaag gaatgaagaa ccttttagcca aacgcataaa 300
 gaatgataaa acagaaaaag aaatttacac tttggccaag gaaggaaatg aaaaaaatgt 360

<210> 1840
 <211> 932
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (806)...(450)
 <223> similar to gi3876843 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1840
 ttttttgata tcagaagtca tcttgatata gccagttcct tctcttcaca gttttgtttc 60
 tcatttgaac atccaaagac agttttgcga gctgtgtgca gtcaccacag gccagtgagg 120
 tcaactgtcat tgtgacaata ggtagttttc aggggcacag accttgtgct gggatgatga 180
 atctaagacc catttctcag acagataact gactgttgct ttcttctttc cgctgtaggg 240
 cccgatgacg atgctggcct ggcgggggac ttggctgacc cggcctccgc acaggtggac 300
 tagttcacag agcttggcca ctggggggct gctggcaggc gagacaaaca tcaactggctg 360
 gtcggcaaaag agggttccgc ggtacggccc tgcagacaag tggcactcac ttcggcacag 420
 gggagctgca ggaagtggg gagacagttc gaacggctcc tcagaaatcc agtgacccaa 480
 ttctaaagac catagcacc aatcataaga gagaaccacag cagccacgcg caattcccag 540
 cagcacattc aggggtgcga gtggcttccc ggaaagcacg tgagtcgtgg tctcacagac 600
 gtctgggtgca attgaaaagc ctttcaattt atccacaacc tggatgacga cattctgctt 660
 ttcagatggc atgcttgtca tgactaatgt tcttggtggc tttttgcctc tcccactttt 720
 cttcaattcc tcatgaggtt tgatgaggtc cttaaagcgc tcacatgagt catctaaaac 780
 atcatgcctt gttgggtctat ttttaacact tccactgtat cctccgggta agttttcctt 840
 ctcttctgta gacgtctcca tgttacagtc aactataaaa catggctcat gttcactctg 900
 ggcttcacct tcagaggagt ttgatatttt gg 932

<210> 1841
 <211> 351
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(299)
 <223> similar to gi7939 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1841
 agaaagcttc aacactatca gtaacatcga ggagattgcg tataacgccca tttccttcac 60
 atgggacatc aacgatgaag caaagggtttt catctctgtg aactgcttaa gcacagattt 120
 ctcttcccag aaggaggatga aggggttgcc tcttaacatt caaattgata cctatagtta 180
 caacaaccgc agcaacaagc ctgtgcaccg ggcctactgc cagatcaagg tcttctgtga 240
 caaggaggct gagcggaaaa tcagggatga agaacgaaag caaagcaaaa gaaaaggcaa 300
 gtgtcctgac cccagctccc aggtgaatgc ctgtaagtag aaatgttccc g 351

<210> 1842
 <211> 439
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(440)
 <223> similar to gi551827 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1842
 cttacccatc tcacggctca gaacgtgccg aatctgtttg cccgtaacga acgcgtgatt 60
 tgctttttcg ataccgaatt tggcccaatg gcgcagattc tggtcggagc gacgattggt 120
 ggcagcattg agacggtctg ggcgggcacc attacgccgc cgcgcgaagg tatcatcaag 180
 cgctggacct ggcctgccg ggaacacgac ggttctgtgg cactgctgaa aggccaggaa 240
 atgggtcgct ttaaaactcg ttccaccgtt atcaacctgt ttgcaccggg taaagtgaat 300
 ctggttgagc aactggaaa cctgtctgtc acgaaaattg gccagccgct ggcagtatct 360
 accgaaacct ttgttacgcc agacgctgaa cctgccccgc ttctgtctga agagatcgaa 420
 gcagaacacg acgccagcc 439

<210> 1843
 <211> 543
 <212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (257)...(545)

<223> similar to gi2618752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1843

gcaaaggggtt	gttgacttcc	tccctctccc	ctcccttcgt	tccttcttcc	cgaaggcact	60
catctgagaa	aaagagaacg	aagtattggt	cctgttctct	ttcttaagtc	attcgaaaca	120
ctgcccctgc	gagttcttta	agttccctgc	aatctgtaca	ccctagaaag	agggagagag	180
agagggagag	agaccacag	agcagggatc	aggtaaagga	gtggggctgc	tgcagccatt	240
cagacctcag	gagctgggtg	tgaaggagca	taagtgtggg	atttgtgggc	gggagttcac	300
cctgctggcc	aacatgaagc	gacacgtgct	gatccacacc	aacatccgcg	cctaccagtg	360
tcacctctgc	tacaagagct	tcgtgcagaa	gcagaccctc	aaggcacaca	tgatcgacca	420
ctctgacgtg	aagcctttca	aatgcaagct	ttgtgggaag	gaattcaacc	ggatgcacaa	480
cctgatgggc	cacatgcacc	tgcactcaga	cagcaaacc	ttcaagtgcc	tctattgccc	540
aag						543

<210> 1844

<211> 1092

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

<222> (847)...(949)

<223> similar to gil813429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1844

cccacgcgtc	cggaatgatt	aatggagaaa	ccatgaaaat	attggtaatt	ttttttttta	60
ctaaatttta	tacttgga	ttaaaaggt	cattgaaaat	gattgtacca	gggttccttc	120
atgatagaca	tggggctgag	tcttaaagca	aacagggaat	tcacctccac	ctcaacattt	180
tgttgggcaa	attttcaaac	ataaaggaca	atgagaagta	ttttatagtg	aacacttatc	240
tacttacctc	ttagattcaa	caatgaatat	tttattatac	ttgttgcata	tttatcccc	300
tacccatccc	tcttttcttc	caacaattgt	gaattcatct	ttgaggtatt	cattcaacaa	360
acacatagg	gctggggatg	atttaattta	atcgaagatg	attaaagcat	tcagtcctgt	420
cctccaaagt	ctcacaacct	agtgtaggga	aatagacatg	aaatatatca	ttgctgcaaa	480
atgatgagtg	gcataatata	ggtatatgtg	aagttcagca	gagaaacacg	ttggaagaaa	540
taatctttga	ctcttgaagt	attgtttgaa	gtttttggga	gttaccacga	gtgagaagga	600
gtttgcctag	caaagataat	tctaaacaga	aacattagca	tttgcaaaga	tgtgggggta	660
atgttgtgag	tgttaaaaag	aacatatagt	aaaaatgcaa	aattggaaac	atgtggtctg	720
tatattattg	caactttagt	gtaattccta	cctcatttgg	gataaatgta	gcatgtttta	780
tgtaaggga	ccatatatca	taacacattt	ttgttcta	atttgattta	tgagaaatgt	840
ttgttaaatt	tagatgtcaa	tgaagagctt	ccagccagaa	gaaaacgaaa	tcgtgaggat	900

```

ggggaaaaga catttggtgc acaaatgaca gtatttgata aaaacaggta atgttgatga 960
acaagtgagg ctcccacaat gttctggaaa tgttttcatt ctgaagcaga atataattat 1020
ttatattgat tatttcattg cctttgtttc tttttattct tacggatgaa aaaacaaatt 1080
tgcaaacact ga 1092

```

<210> 1845

<211> 417

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(418)

<223> similar to gil017722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1845

```

gcgggcttaa ccggttccc aacccttact tttcacaaga taattcatac tgataagaaa 60
ccctacaaat gtgaagaagg tggcaaagct ttttaaccgat cttcaatcct tagtatacat 120
aagaaaattc atactggaga aaaaccctac aaatgtgaag aatgtggcaa agcttttaag 180
cggtcctcac acctcgctgg gcacaagcaa attcatagtg taaaaaacc ctacaaatgt 240
gaagaatgtg gcaaagcctt tagtatattc tcaaccctta ctaaacataa gataattcat 300
actgaagaga aaccctacaa atgtgaaaaa tgtggcaaaa ctttctaccg attctcaaac 360
cttaatacgc ataagataat tcatactgga gagaaacctt gcaaatgtga agaattgt 417

```

<210> 1846

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (25)...(448)

<223> similar to gi5689447 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1846

```

cgaccacgc gtccgaggac gcgtgggcgg acgcgtgggc ggacgcgtgg gctggcggcc 60
attgccctgc tggctctaga ggaggaggag agcgcccttct ggtgcctggg ggccattgtg 120
gagaccatca tgcccgtga ttactactgc aacacgctga cggcatccca ggtggaccag 180
cgggtgctcc aggacctgct ctcggaagaag ctgccagggc tgatggccca tctggggcag 240
caccacgtgg atctctccct cgtcaccttc aactggttcc tcgtggtctt tgcggacagt 300
ctcattagca acatcctcct tcgggtctgg gatgccttcc tgtacgaggg gacgaaggtg 360

```

```
gtgtttcgct atgccttggc cattttcaag tacaacgaga aggagatctt gaggctacag 420
aatggcctgg aaatctacca gtacctg 447
```

```
<210> 1847
<211> 508
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (3)...(442)
<223> similar to gi4454565 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1847
ctgaaaaagg accactttct cctaaagttc tttttaatca cctttgtcag aaggcacctc 60
gatttaaaga tttccagcaa caggacagtc aggagcttct tcattatctt ctggatgcag 120
tgaggacaga agaaacaaag cgaatacaag ctagcattct aaaagcattt aacaacccaa 180
ctactaaaac tgctgatgat gaaactagaa aaaaagtcaa agcatatgga aaagaagggtg 240
tgaaaatgaa ctccatagat cggatcttta ttggtgaatt aactagcacg gtcattgtgtg 300
aagaatgtgc aaatatctcc acggtgaaag atccattcat tgatatctca ctccctataa 360
tagaagaaag ggtttcaaaa cctttacttt ggggaagaat gaataaatat agaagtttac 420
gggagacaga tcatgatcga tacagtggca atgttactat agaaaatatt catcaaccta 480
gagctgccaa gaagcattct tcatctaa 508
```

```
<210> 1848
<211> 505
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (255)...(508)
<223> similar to gi3875400 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1848
ggcggcagca gcagccctgg acgcagcagc caagctcttc gctggctccc gggggctctc 60
ccgggttcct ctcatcgcag gctgaaggta atgagaggcc ctaagatccc agaggatgcc 120
ataagaggaa aagtcagggg agtggtgaag actctgcctc ctacaaatat ccatccgcag 180
agccatcctg tgcaaaggaa ggagctaggc tgtgcgccct gggcgctcatg atccttctgc 240
gggcctccga agtgccgcag ctgcttcaca ataagttcgt ggtcatcctg ggggactctg 300
tgcatagggc agtatacaag gacctggtgc ttctgctgca gaaggaccgc ctgctcactc 360
```

```

ccgggcagct tagagcaagg ggggagctga acttcgaaca agatgagctg gtggacggag 420
gccagcgggg ccacatgcac aacggcctta actaccgtga ggtccgcgag ttccgctccg 480
accaccatct ggtacgtttt tactt 505

```

<210> 1849

<211> 338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (68)...(316)

<223> similar to gi3297821 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1849

```

ggcaaacgca gctctctgtc agcatccgac gggctgtcag accagtgtctg atcttcactg 60
gactcttctt cctcctcgtc atagtcctcc tcctcctcct ctccatagtc ctctcctcc 120
tcctcttcat attcttcttc ctctcctcc tcctcttcat tcccaggccc aaagctcttt 180
gaggcctcta gctcctcttc acttttccct ttcagaaggg catggatccg caccggcctcc 240
ttccacggaa caccacccag gtcagatggg ggcaggcgag gctcctcctc ctctcctctt 300
ccctcctcct ccattctcaga ctcggaacta ctgctggc 338

```

<210> 1850

<211> 424

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (353)...(426)

<223> similar to gi5853317 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1850

```

gcacgagtgt cagttcttga gatgatgctc tggacttaat aactttgatc agaccttcta 60
aaccctaaatt tgaagttagg accagaccag aaaatctagg atacatgatg gctagagaca 120
caggtgtagc ttttaataga tgcaggctaa cagctgccat tttccattc tctagataga 180
ttattctatt ttcattcttc ccagaacctt gcaaggcagt gctttcactt cctgaaagaa 240
actggcagga tagggacctt accatagaac agagtctctg gagaaggga ctgaaccagg 300
tcctttgcag ctgtccctag acttcctga ccccatcctt gcttgctttc cagaccccat 360
gccacagctg gatgtgactg aggccaacaa ggagttcatg gaacagagtg aggagctgta 420
tgac 424

```

<210> 1851
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(105)
 <223> similar to gi3347848 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1851
 ccgcttccag gcttcctgct acctgaagca gggcaagtac caggatgcgg agaccttgta 60
 caaggagatc ctcacccgcg ctcattgagaa agagtttggc tcttgagggc ctgccccagt 120
 gtctcccact ctgggaaacc acctctggcc ccgcatggtc agtcattctgc tctgaggtcc 180
 ctccggagcct ggcccatcat tcaggcctag cacatgtctt gggctgtggc ctgaggtgca 240
 aggggtctgtt ctgctcatct ttcttgtgac cattctttcc tccaggataa gcgccgggac 300
 agcgccccct atggggaata cggcagctgg cacaaggcag gtcacctgtc ccaagaaggc 360
 tctgtct 367

<210> 1852
 <211> 685
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(686)
 <223> similar to gil690 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1852
 ggcacgagtg gaggggatgg gaacttggag actcacacca cactgcccac cattctgaag 60
 aagttcaacc cttacctcct tggcttctct accagcacct gggagggggac agcaggacta 120
 aatgtggcag cggaaggggc cagagctagg gacatgccag cccaggcctg ggacctggta 180
 gagcgaatga aaaacagccc cgacatcaac ctggagaaag actggaagct ggtcacactc 240
 ttcatggggg gcaacgactt gtgtcattac tgtgagaatc cggaggccca cttggccacg 300
 gaatatgttc agcacatcca acaggccctg gacatcctct ctgaggagct cccaagggct 360
 ttctgtcaacg tgggtggaggt catggagctg gctagcctgt accagggcca aggcgggaaa 420
 tgtgccatgc tggcagctca aaacaactgc acttgccctca gacactcgca aagctccctg 480
 gagaagcaag aactgaagaa agtgaactgg aacctccagc atggcatctc cagtttctcc 540
 tactggcacc aatacacaca gcgtgaggac tttgcggttg tgggtgcagcc tttcttccaa 600

```
aacacactca cccactgaa cgagagaggg gacactgacc tcaccttctt ctccgaggac 660
tgttttcact tctcaaaccg cggcg 685
```

```
<210> 1853
<211> 513
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (12)...(516)
<223> similar to gil020145 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1853
ggcacgagcc ttcgggagag aaacctcata aatgtactga atgtgggaag tctttcaatg 60
agaagtcaac cctcattgtg catcaaagaa ctcatacagg agagaaaccc tatgaatgtg 120
atgtgtgtgg aaaaaccttc acgcaaaagt caaaccttgg tgtacatcag agaactcatt 180
caggagagaa accctttgaa tgtaatgaat gtgagaaagc cttctctcag aagtcctacc 240
tcatgctgca tcagagaggt catacaggag agaaacctta cgagtgcaat gaatgtgaaa 300
aagcattttc acagaaatca tatctcatta tacatcaaag aactcataca gaagaaaaac 360
cctataaatg taatgaatgt ggcaaagcct tcagagaaaa gtcaaagctc attatacatc 420
agagaattca tacaggagag aaaccttatg aatgtcctgt gtgttggaag gcttttagcc 480
agaagtcaca gtcataata catcagagaa cgc 513
```

```
<210> 1854
<211> 399
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (9)...(105)
<223> similar to gi6016932 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1854
ggcacgagcg ggctggtgga cttggtatta atcttacagc tgctgatacc tgcattcatct 60
ttgattcaga ctggaatcca caaatgacc tgcaggtaaa ggaattcatt gtcttaggga 120
ctaactacct aacttgggag atttttcaac aagaatagga tcttttagaa agacctttca 180
cagagtttgg aattgtttcc ttagttaagg gtggcagtta ggtcagggaag tcagcaaagc 240
ttttctgtaa acgacaagac agtaaagtgt ttaggctttg tgagccatcg agtctttgtt 300
gcaactgctt atctccaagt cctgtagcgc aaaaacagcc atagataata tgtaaatgag 360
```


tgggtgggtcc cacctgtgtc cccattgaac tttattttt

399

<210> 1855
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(751)
<223> similar to gi4589520 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1855
gaagaactgg atacgcagct ccttcaagca agctttcggg aagaagaagt ccccaaaatc 60
tgcgtcctct cattcagata ttgaggagat gacggattct tctttgcctt cctcaccaaa 120
gttaccacac aatgggtcca cagggtccac cccactgctg aggaattctc actccaactc 180
tctaatttca gaatgcatgg atagtgaagc tgagaccgtc atgcagctcc gaaatgagtt 240
aagagacaag gagatgaagc tgacagatat ccgcttagaa gctctcagtt ctgcccacca 300
gctggaccag ctccgggagg ccatgaacag gatgcagagt gaaatagaga agctgaaagc 360
tgagaatgat cggctgaagt cagagtctca aggcagtggc tgcagccggg ctcccttccca 420
agtgtccatc tctgcctccc cgaggcagtc catgggcctc tcccagcaca gcttgaacct 480
cactgagtca accagcctgg acatgttgct ggatgacact ggtgaatgct cggctcggaa 540
ggaaggaggc aggcatgtta agatagttgt cagctttcag gaggaaatga agtggaagga 600
ggattccaga ccacacctct ttcttattgg ctgcattgga gttagtggca agacgaagtg 660
ggatgtgctc gatgggggtg ttagacggct gttcaaagaa tacatcattc atgtcgaccc 720
agtgagtcag ctagggtgta attcagacg 749

<210> 1856
<211> 445
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(446)
<223> similar to gi5640017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1856
attcatcaga gaattcatag tggtgagaaa gcatatgaat gtagtgaatg tgggaaagct 60
ttcaatcaga gctcagccct cattagacat cggaaaatcc atactggtga gaaagcttgt 120
aaatgtaatg agtgtggcaa agcattcagt caaagttcat atctcattat acatcaaaga 180

```

attcacactg gtgagaaacc ttatgagtgt aatgaatgtg ggaaaacctt tagccagagc 240
tcaaaactca ttagacatca gcgaattcac acaggagaga gaccctatga atgtaatgaa 300
tgtggaaaag ctttcaggca gagctcagag ctgattactc atcagagaat acatagtgga 360
gagaaaacct atgaatgtag tgaatgtgga aaagctttca gtttgagctc aaaccttatc 420
agacatcaga ggattcatag tggggg 445

```

```

<210> 1857
<211> 421
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(423)
<223> similar to gil841296 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1857
agccctgata ctttcagccg gcctgagcac gggagctctc gttgcgattc tactctgtgt 60
cctcatactg cttatttttag tcgtgttggt tgctgcattg aagaggcaaa gaaaaaagga 120
acctctgata atttcaaaag acgatgtccg ggacaacatt gtgacctaca acgatgaagg 180
cggcggggaa gaagataccc aagcttttga cattggcaca ttaaggaatc cagaggcaag 240
agaagacagt aaacttagac gggatgtaat gcctgaaact atttttcaga taaggaggac 300
tgtgcctctg tgggaaaata ttgatgtaca agattttatc catcgaagat taaaagaaaa 360
cgacgcagac ccaagtgcac ctccatatga ttcgctggca acgtatgcct atgaagggaa 420
t 421

```

```

<210> 1858
<211> 1238
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1241)
<223> similar to gi2911719 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1858
atcttaccaa gatgcatctc acagaaaacc ctcatccaca ggtgactcat gtgtcttcta 60
gtcagtctgg ttgtagcatt gccagtgact ctggaagcag cagtttatct gatattatc 120
aggctacgga gagtgaaggta ggagatgtag atttgacacg tcttcagaa ggacctgttg 180
attctgagga tgacgaagag gaagatgaag agattgatcg aacagatcca ttgcaggggc 240

```

```

gagatcttgt tcgagaatgt cttgaaaaag aacctgcaga caaaactgat gatgacattg 300
aacaattgct ggagtttatg caccagctcc ctgcatttgc aaacatgacc atgtctgtaa 360
ggagagaact ctgctcagtg atgatttttg aagtggtaga gcaggctgga gctattattc 420
ttgaagatgg gcaagagctt gactcatggg atgttatttt aaacggcact gtggaaatca 480
gtcatccaga tggaaaaagt gaaaaattgt ttatgggaaa tagttttgga attactccca 540
ctctggataa gcagtacatg catggaattg tcaggactaa agtagatgat tgtcagtttg 600
tctgcatagc ccagcaagat tattggagaa ttttaaacca tgtggaaaaa aatacccata 660
aagttgagga agagggagaa attgttatgg tacatgagca tcgggaaacta gaccggagtg 720
gaaccaggaa aggacacatt gtgatcaagg caacacctga gcgtctcata atgcatttaa 780
tagaagaaca ttccatcgtg gatccaactt atatagaaga ttttctatta acttacagga 840
catttcttga aagtcctttg gatgttggga tcaaactatt ggaatggttt aagatcgaca 900
gcttaagaga taaggtgaca cggattgtat tattatgggt aaataatcat tttaatgatt 960
ttgaaggtga ccctgctatg actcgatttc tagaggaatt tgaaaaaaat ctggaagata 1020
caaagatgaa tggatcatctc cggttattga atattgcctg tgctgcaaag gctaagtgga 1080
gacagggtgt gctgcaaaag gcttcccgcg agtcccctct acaattcagc cttaatggag 1140
ggagtggaaa gggatttggg atttttgttg aaggagtaga acctggtagc aaagctgctg 1200
attcaggact gaaacgtggg gatcagatta tggaagta 1238

```

```

<210> 1859
<211> 469
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(470)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (57)...(472)
<223> similar to gi337467 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1859
ggcggggctc ntttgagacc tgatgaccat cattacgccc agcttggcac gagggggagg 60
acttcagcta cggcctgcag ccctactgcg ggtactcctt ccaggttgtg ggggagatga 120
tccggaaccg ggaggtgctg ccttgccccg atgactgtcc cgcttgggag tatgccctca 180
tgatcgaggg ctggaacgag ttccccagcc ggagggcccc cttaaggac atccacagcc 240
ggctccgagc ctggggcaac ctttccaact acaacagctc ggagcagacc tcggggggca 300
gaaacaccac gcagaccagc tccctgagca ccagcccact gtgcaatgtg agcaacgccc 360
cctacgtggg gcccagcag aaggtcccgc ctttccaca gaccaggtc atccccatga 420
agggccagat cagacccatg gtgccccgcg cgagctata cgtccccgg 469

```

```

<210> 1860
<211> 511

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(122)
 <223> similar to gil469866 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1860
 atagtgtcgt caacacagca ggatctgcag gaatgggtgg agcacctaca gaagcaaacg 60
 aaggtcacgt ctgtgggaaa cccaccata aagcctcatt cagtgccatc tcataccgta 120
 aggacttggg gcttctcctc cttccagact ccaggcgtgg catcccgtgg ctgagctgtc 180
 agcaagtgat cagttgcttt aaaacctaata caatatattgg ataaaaagtg caaaacactt 240
 gcttcacatt tctctgcaga tctttggccc tcttcgtgca gtagtgaatt gttttccaat 300
 gagtgttctc gagaaacaac cctgaattgt gcctcctcac gcacagttca gaggtgcttg 360
 ggtgggaagc tgcttctgct ccgtgtggcc ctagaagact gatttagggg agttttacac 420
 tcaactatag atgatttttc tgagaatttt aactgtttat tatgcttcat ttaagaaaac 480
 aaaaaataaa tgattatgat gatgaaaagg a 511

<210> 1861
 <211> 1149
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1150)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (14)...(794)
 <223> similar to gi3644042 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1861
 gggtagaaag ctcccacagt ttaagtacag aaagactgtg tggcctcgag catataatct 60
 aaccaacttt tccagcatgt ttactgattc ctgtgactgc tctgagggct gcataaacat 120
 aacaaaatgt gcatgtcttc aactgacagc aaggaatgcc aaaacttccc ctttgtcaag 180
 tgacaaaata accactggat ataaatataa aagactacag agacagattc ctactggcat 240
 ttatgaatgc agccttttgt gcaaatgtaa tcgacaattg tgtcaaaacc gagttgtcca 300
 acatggctct caagtgaggt tacaggtggt caaaactgag cagaagggat ggggtgtacg 360
 ctgtctacat gacattgaca gagggacatt tgtttgcatt tattcaggaa gattactaag 420
 cagagctaac actgaaaaat cttatggtat tgatgaaaac gggagagatg agaatactat 480
 gaaaaatata ttttcaaaaa agaggaaatt agaagttgca tgttcagatt gtgaagttga 540
 agttctccca ttaggattgg aaacacatcc tagaactgct aaaactgaga aatgtccacc 600

```

aaagttcagt aataatccca aggagcttac tatggaaacg aaatatgata atattttcaag 660
aattcagtat cattcagtta ttagagatcc tgaatccaag acagccattt ttcaacacaa 720
tggaaaaaaa atggaatttg tttcctcgga gtctgtcact ccagaagata atgatggatt 780
taaaccaccc cgagagcatc tgaactctaa aaccaaggga gcacaaaagg actcaagttc 840
aaacatggtt gatgagtttg aagataatct gctgattgaa tcagatgtga tagatataac 900
taaatataga gaagaaactc caccaggnag cagntgtaac cggcgnacca cttggtnnat 960
ncantattna aagagncaat ggggttncat attcanaaac cccaanaggn agttctacag 1020
gcatgtcaaa gacagcaggt attttgtgat gaagagttgt ttaatgnaaa ccganatant 1080
tnctatcntt ttctcnaaca gattncanaa gagntgagtt ttttnatggg nagnccacaa 1140
aaaaaaaaa 1149

```

```

<210> 1862
<211> 1327
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(1114)
<223> similar to gi4589582 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1862
ttgtgctttc tgacctttgc ctctttttatt atagagatga gaaagaagag ggtatcctgg 60
gaagcatact gttacctagt ttccagatag ctttgcttac ctctgaagat cacattaatc 120
gcaaatatgc ttttaaggca gcccatccaa acatgcgga cttattattc tgcactgata 180
caggaaagga aatggagttg tggatgaaag ccatgttaga tgctgcccta gtacagacag 240
aacctgtgaa aagagtggac aagattacat ctgaaaatgc accaactaaa gaaaccaata 300
acattcccaa ccatagagtg ctaattaaac cagagatcca aaacaatcaa aaaaccaagg 360
aaatgagcaa aattgaagaa aaaaaggcat tagaagctga aaaatatgga tttcagaagg 420
atgggtcaaga tagaccctta acaaaaatta atagtgtaaa gctgaattct ctgccatctg 480
aatatgagag tgggtcagca tgccctgctc agactgtgca ctacagacca atcaacttga 540
gcagttcaga gaacaaaata gtcaatgtta gcctggcaga tcttagaggt ggaaatcgcc 600
ccaatacagg gcccttatac acagaggccg atcgagtcac acagagaaca aattcaatgc 660
agcagttgga acagtggatt aaaatccaga aggggagggg tcatgaagaa gaaaccaggg 720
gagtaatttc ttaccaaaca ttaccaagaa atatgccaaag tcacagagcc cagattatgg 780
cccgtacccc tgaaggttat agaacactcc caagaaacag caagacaagg cctgaaagta 840
tctgcagtgt aaccccttcc actcatgaca agacattagg acccgagagc gaggagaaac 900
ggagggtccat gagagatgac acaatgtggc agctctacga atggcagcag cgtcagtttt 960
ataacaaaca gagcaccctc cctcgacaca gtactttgag tagtcccaaa accatggtaa 1020
atattttctga ccagacaatg cactctattc ccacatcacc ttcccacggg tcaatagctg 1080
cttatcaggg atactcccct caacgaactt acagatcgga agtgtcttca ccaattcaga 1140
gaggagatgt gacaatagac cgcagacaca gggcccatca ccctaaggta aaatagctgc 1200
tgattttgtg ttaactcact accttataaa tgctgtgttt tctttctagt atactatttt 1260
aaatgtgaga gacaaaagaa tggggataaa gtaagcaagg cagctctttt ttgttttaaa 1320
aaaaaaa 1327

```

<210> 1863
 <211> 658
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(658)
 <223> similar to gi498721 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1863
 atcagagatt gcatgttggg gagaaaccct ataaatatga aaaatgtggg aaggccttta 60
 tcagtggctc agcctttgtt aagcatggga gaattcacac tggtgagaag ccactcaaat 120
 gtaagcaatg tggaaagact attagcggta gctatcaact tacagtacat aagagtattc 180
 atactgggaa gaaaccatat gagtgcgggg aatgtgggaa agcttttcta gtatatggaa 240
 agcttaccocg gcatcagagt actcacactg gtgaaaaacc ctttgggtgt gaggagtgtg 300
 ggaaggcctt cagtaccttt tcatacctgg ttcaacatca gcgaattcat accagtgaat 360
 aaccttacga atgcaaagaa tgtgggaagg ccttttagcac tagctcacc cttgctaagc 420
 atcagagaat tcatactggc gagaaaccct atgaatgtaa ggagtgtggg aagtccttca 480
 ctgtgtatgg acagcttact cgacatcaga gtattcatac tggtgagaaa ccttttgaat 540
 gtaaggaatg tggaaaggcc tttagactta gttccttcct tcatgcacat cagcgaattc 600
 atgcagagat aaagccctac ggatgcaagg aatgcgggaa aaccttcagt cgtgcctc 658

<210> 1864
 <211> 865
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (60)...(586)
 <223> similar to gi4902699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1864
 cttgaaaccg ttataccttt gacaccattt tgcacgatga ctccagcctg tatcgaggca 60
 ggggagtctc tccccctccc tcgcccttct tgtcagccat ccttgccgcc tttcagccc 120
 cagcctgtga cgatgccgag gaggcctggc gcaaccacat caaccagctt atgtgtgact 180
 caaatggctc ctgtgctgtg tatacatttc atgtgttctc ctccctgttt aagaatattc 240
 agaaaagggt ctgcttccta acctgtgatg cagccagtta ccttgagat aacctccggg 300
 gaatcggatc caaatgtgtc agctcttccc agatgctcac ctccgtctct gaatgtccta 360
 cactttttgt ggatgccgag actctccttt catgtggact tctggacaag ctcaagttca 420
 gtgtgttaga actgcaagaa tatttgata cctacaacaa caggaaagag gccacactct 480
 cttggcttgc aaattgtaag gcaacatttg cagggggatc aagagatgga gtaattacct 540
 gtcaaccagg ggactccgaa gaaaaggtaa taaaagcctg ttagaatggg tctcttgtgt 600

```

gctctaacaat tgtgtatttag ttttgggtcta cccaagaagc ctggaacttg agaaaagaag 660
aggcggaatg agtcacccca aacattttaca tgaaaccaac agagtaagac agaatgcctt 720
ccagcatgac tgtgtgttga tgggatttgt ggggaggttt cttcgttttg gaaaagtaga 780
ggtataaaat aacctttttt gctggatact gtctaactat actaataatt tcctaataaa 840
tttattctta attcagaaaa aaaaaa 865

```

```

<210> 1865
<211> 801
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (15)...(738)
<223> similar to gi3879227 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1865
gggcagcctg cattgcgctg gagcagcacc tgtcccgtg ggcagaggat gggcgctggg 60
tcgaataactt ctgcctggcc gaaggccacg tggcttccgt tgactcagtg ctgctgctcc 120
agggtgggtc actctgtctg tcgggctccc gagatcgcaa cgtcaacttg tgggacctgc 180
ggcagctggg gacggagtcc aaccaggttc tgatcaagac cttaggcact aagcgaaata 240
gtacccatga gggctgggtg tggtcactgg cagcgcagga ccaccgctg tgctccggct 300
cctgggacag cacagtgaag ctctgggaca tggcagcgga tgggcagcag ttcggcgaga 360
taaaggccag ctacgcccgt ctgtgcctct cctacctgcc tgacatcctg gtgactggca 420
cctatgacaa gaaggtgacc atctacgacc ccagagccgg cccagccctg ttgaagcacc 480
agcaactaca ctccagaccc gtgctgaccc tgctggcgga tgaccggcac atcatctcag 540
gcagcgagga ccacaccctg gtggtggtgg accgccgagc caacagcgtc ctgcagcgtc 600
tgacagctgga ctccctacct ctctgcatgt cctaccagga accccagctc tgggctgggtg 660
acaaccaggg cctgctgcac gtcttcgccca accgcaacgg ctgcttccag cttatccggt 720
cctttgatgt gggccacagc tttcccatca ctgggattca gtactccgtt gggagccttt 780
gtanaccaca ttcactgaca a 801

```

```

<210> 1866
<211> 617
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (39)...(407)

```

<223> similar to gi4914601 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1866

ctcttctacg	tctgaatgat	ataagtgcag	gggatcgcat	acctgcttgg	acatttgata	60
tgaacacagg	tgcttgggta	aatcatggtc	ggggaatggg	caaggaacat	aacaatcatt	120
taatctggac	atatgatgca	ccacatttgg	ggtactggat	agcagctcca	cttccaggaa	180
ctagagggtc	aggtataaat	gaagattcca	aggacataac	tgcttaccac	acagtgtttc	240
ttacagccat	attaggagga	acaatagtca	ttgtcattgg	atTTTTTgct	gtactacttt	300
gttattgcag	ggacaagtgt	ggtactccac	agaaaagaga	aagaaatata	actaaacttg	360
aggtcctcaa	gagagaccag	acaacttcaa	caacacacat	aaatcataat	agtacagtta	420
aagttgcatt	aaaagctgag	gacaagtcgc	agttattcaa	tgccaaaaac	tcctcatata	480
gtcctcagaa	aaaggaacca	tcaaaggcag	aaacagaaga	aagagtttcc	atggtaaaaa	540
ctcgggacga	ttttaaaatc	tacaatgaag	atgtttcatt	tctatcagtc	aatcaaaaata	600
attactcaag	aaacccc					617

<210> 1867

<211> 380

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (19)...(369)

<223> similar to gi5706479 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1867

gtgacctgga	tgtctgagga	ggaagtactt	cctgcaggac	aacctgccga	gggcaccacc	60
tgctgcctcg	aggctactgc	ccagcaggag	gagaagcagg	aggatgcagc	catctgcccc	120
gtgacagtgc	tccctgagga	gccagtgacc	ttccaggatg	tggtctgagga	cttcagccgg	180
gaggagcggg	ggctgctggg	cccgcacacg	aggaccgagt	accgcgatgt	gatgctggag	240
acctttgggc	acctggtctc	tgtgggggtg	gagactacac	tggaataata	agagtttagct	300
ccaaattctg	acattcctga	ggaagaacca	gccccagacc	tgaaagtaca	agaatcctca	360
agggattgtg	ccttgtcctc					380

<210> 1868

<211> 933

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (932)...(527)

<223> similar to gi2804436 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1868

tttttttttt	ttgtgtgttt	agctttaatg	tctattaaat	aggttggaaa	aacaggccaa	60
gtgtagggac	ctgactcctg	caaagggcct	accgcagccc	tctgcactca	agcagcagcc	120
ccatccagac	caggagtgtg	ttctgttctc	ctggcaggca	gggctgatag	gtgtaggatg	180
gcgtctgttt	cctttgcagt	gtgggctggt	cagaggagaa	acagcaactt	cctgctcctt	240
ctcactgtgt	cgttggctca	ccatagacca	cgctctgcat	tccctctgat	tctctcatgg	300
ggagagccct	ggaccttctg	gtggtgtccc	agctgggtgg	gttcaaggct	gctaccccgc	360
ttggggcagc	tggcctgcag	ggaagggcca	gacggcacct	ctcagtggag	actgaatctt	420
ccttccttca	ggaggctgcc	tccagggaag	acctggggtc	cttcctgcgc	tcagcgctgg	480
ctggctgtcc	tgttcattgca	gtggaagaca	ttacagaaga	attcatacga	gaagaacatg	540
aagcctgtgg	agagggcagc	cttcagcaag	ctgggggaca	ggcccttgaa	gaagcccagg	600
gcgccttcct	tttgtagcac	ctgcttggca	cagtccatga	ggcccttgta	tctccgtacc	660
tggccaaagg	cagctctggc	atgctcaaac	cctccaacct	gtagccgctt	cttgaagagg	720
tccagcggat	atgtcagggt	cttgctgatg	acaccagctc	cactgccaca	aagcaggttt	780
tggaggttct	catttttctt	tccttcggct	ggtatggccc	acttgtacag	gtgcttcaag	840
gagctgtagc	aagagaactg	cagcccggcg	taggggaaga	tggcgatcaa	ggtgggagcc	900
aagcctttgt	agaaaacctg	ggggccttcg	ctc			933

<210> 1869

<211> 1028

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (34)...(978)

<223> similar to gi5824570 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1869

cggagactga	catcctcagt	tagttgtgca	ctggatgaag	ctgctgctgc	actgacacgg	60
atgaaagcag	aaaacagcca	caatgcagga	caagtggaca	ctcgcagtct	agcagaagct	120
tgttcagatg	gggatgttaa	tgctgttcgt	aaattgctag	atgaaggcag	aagtgtaaat	180
gaacatacag	aagaaggaga	aagcctgctg	tgtttggctt	gttcagcagg	gtattatgaa	240
ttagcacaag	tattgcttgc	tatgcatgct	aatgttgaag	atcgagggaa	taaaggagac	300
ataactcccc	tgatggcagc	ttccagtggg	ggttacttag	atattgtgaa	attattactt	360
cttcatgatg	ctgatgtcaa	ctcccagtct	gcaacaggaa	acactgcgct	aacttatgca	420
tgtgctggag	gatttggtga	cattgttaaa	gtgctcctta	atgaagggtc	aaatatagaa	480
gatcataatg	aaaatggaca	tactccctta	atggaagcag	ccagtgcagg	tcattgtgaa	540
gttgcaagag	ttcttttaga	tcattggtgca	ggcatcaaca	ctcattctaa	tgaattcaaa	600
gaaagtgctc	taacacttgc	ttgctacaaa	ggccatttgg	atatggttcg	ctttctactt	660
gaagctgggtg	cagatcaaga	gcacaaaaca	gatgagatgc	acactgcctt	aatggaggcc	720
tgcatggatg	gacatgtaga	ggtggcacgt	ttgcttttgg	atagtgggtc	tcaagtgaac	780

```
atgcctgcag attcatttga atctccattg acgctagctg cctgtggagg acatgttgaa 840
ttggcagctc ctactttatt gaaaggggga gcaaattcttg aagaagacaa tgatgaagga 900
tacctccct tgatggaagc tgcccgggaa ggacatgaag aaatggtggc actactctta 960
gcacaaggag caaatataaa ttcccagaca gaagaaactc aagaaactgc tcttactttg 1020
gcttgctg 1028
```

```
<210> 1870
<211> 492
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(494)
<223> similar to gil542813 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1870
gaccatagtc catgtggtgg aattccctgc caatgtgcac ctcatcaact ccgggggtggg 60
cgtgactgcc ctgcagctgc cttcggccac tgccccagga aacttcctcc tggccaaccc 120
tgtgtctggc agccccatcg tgacgggtgt ggccgtgcag cagggaaga tcatcctcac 180
cgccaccttc cccaccagca tgctcgtctc ccaggtcctg ccgccagccc ccggcctggc 240
cctgccaactg aagccagaga cggccatctc cgtgcctgag ggaggcctcc cgggtggccc 300
cagccctgct ctcccagagg ctacgcctc aggcacctt tctgcacagc agccaccccc 360
cgccgctgcc accacctcca gcaccagcct gtccttctcc cctgactccc ctggcctcct 420
gcccaacttc ccggcgcccc caccagaggg gctgatgttg tcaccgcggy ccgtgcctgt 480
ctggtcagca gg 492
```

```
<210> 1871
<211> 1102
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (375)...(1105)
<223> similar to gi5821434 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1871
aagtcagtct gttcttactg aatttcttct cttgaacttt ctgtttattc cttattttgg 60
acacagtaga caattttgct caatttcact tctgcctttc ttgggttcag gtttggtacc 120
aataattggt aaagctgatg taattctaag tttttctcat ccagcgcata ggaaagcttg 180
```

cctataggta	tctgatttaa	ttatTTTTgaa	tagtcaatgg	gctaaccaag	gagaagatga	240
ggggatcaaa	tatctgatgt	ttaaattaaa	ctagtattca	tctctttact	ttaaatttgg	300
tctcttaaag	gtctcgcat	ttgtttcatt	tgtagtgcc	cagtttcagg	attaatggta	360
ttctttcctt	tcaggcttta	aatgaagaaa	ttgttaatag	aaagaagaat	gtagatcaag	420
ctattaaaaa	tggtcaggct	cttctaaaac	aaaccacagg	tgaggagggtg	ttacttatcc	480
aggaaaaact	agatgggtata	aagactcgtt	acgcagacat	cacagttact	agctccaagg	540
ccctcagaac	tttagagcaa	gcccggcagc	tggccacca	gttccagtct	acttatgagg	600
aactgaccgg	gtggctgagg	gaggtggagg	aggagctggc	aaccagtgga	ggacagtctc	660
ccacagggga	acagataccc	cagtttcagc	agagacagaa	ggaattaaag	aaggagggtca	720
tggagcacag	gctgggtgtg	gacacagtga	atgaggtgag	ccgtgctctc	ttagagctgg	780
tgccctggag	agccagagaa	gggctggata	aacttgtgtc	cgatgctaac	gagcagtaca	840
aactagtcag	tgacactatt	ggacaaaggg	tggatgaaat	tgatgctgct	attcagagat	900
cacaacagta	tgagcaagct	gccgatgcag	aactagcttg	ggttgctgaa	acaaaacgga	960
aactgatggc	tctgggtcca	attcgccctgg	aacaggacca	gaccacagct	cagcttcagg	1020
tacagaaggc	tttctccatt	gacattattc	gacacaaaga	ttcaatggat	gaactcttca	1080
gtcaccgtag	tgaaatcttt	gg				1102

```

<210> 1872
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (273)...(413)
<223> similar to gi5931718 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1872	
cccacgatat	gaaagcattc attggagatg tggcccagta cttttgtggt ttatTTTtatt 60
tttatatcta	aatctttgat ctacctggaa tgtggcagtc cagattgttt ttctcagaca 120
ggcggccagt	tgtgccaaacg ccatcttttg ccacttaggt gaaatatgtc ttttatcata 180
aactaaactt	ccaggccagc tttgacctgg cattggatgg cagccccagg ctcccagcac 240
ttgtcctctc	ttctctccag gtgaccgaga gcgagcccag cgtgatgtgg ctctcggggc 300
tgcacatccc	tgagtccctac ctacggcggc tgggtgcaggc cacctgccgg aagaacggct 360
ggccactgga	ccgctccaca ttgttcacac aagtgcacaa gttccaggat gcagat 416

```

<210> 1873
<211> 749
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (337)...(750)
<223> similar to gi4877552 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 1873

tttccagagc	taagaacaca	aagtcattgaa	ggtgaaggag	gagaaggctg	gggtaggaaa	60
gctggaccac	actaaccaca	ggaggagatt	tccggatcag	aaagaatgcc	ctcctatcca	120
cattgggctt	ccagtaccca	cttaccctca	aagaaaaact	gaccagaagg	gacatctttc	180
aggcctgcaa	aaagtccact	ggggcctgcg	gccagaccag	ccacagcagg	aactgactgg	240
cccagggagt	ggggcaagca	gccaggacag	cagcatggat	cttatcagca	ggactcggtc	300
ccagctgct	gagcagctcc	tgggcctgtc	ttgagcaggt	tcttcggtgg	cctgtgtctg	360
gatatcaaga	ggaagttgcc	ctgggtccca	agtgacttct	atgatggctt	ccacattcag	420
tccatctctg	ccatcctatt	catctacctc	ggctgtatca	ccaacgcgat	cacctttggt	480
gggcttctgg	gggatgccac	cgacaattat	cagggagtga	tggagagctt	cctgggcact	540
gccatggctg	gctccttggt	ctgcctcttc	tggggacagc	ctctcatcat	tctcagcagc	600
acggggccca	tcctcatctt	tgagaagctc	ctcttcgact	tcagcaaagg	caatggcctg	660
gactacatgg	agttccgcct	ctggattggc	ctacactcag	ctgtccagtg	ccttatccta	720
gtggccacag	atgccagctt	tatcatcaa				749

<210> 1874

<211> 693

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (488)...(611)

<223> similar to gi5081610 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 1874

ccctctctct	gcctgcagtc	tgtttctgct	gtacctctc	aattctggac	tgtgctcttc	60
tagggagact	agatgtatgc	accacccaga	aactgccagt	agagagcacc	ctacagggcat	120
gacttggcag	ctaggccatg	tttatttccc	ttggtggggc	acccgacagg	cagagtttat	180
tccctcagct	tgggggtggc	agtgggtggg	gtagtgctag	gggttactgc	aggcagggtt	240
ctgtttcttt	gcatcccggg	actggcttgt	tctcaccttt	ttgttctgtc	cctctctgtg	300
tatttacttt	ctctcttttt	gcattgttct	cagccttcca	tctgcatctc	ttcatctctg	360
cctctcttgc	ctgcatttcc	tcaatcttga	ttgtccctgc	ctcttctctc	gccattccct	420
ctcttccccc	tcagtctgtg	gctctgcctc	cctgtctcac	tctccctata	actggcctct	480
ccctgctcag	accttccctg	acgagctgca	tgagacaggg	cagctgcact	ctatgtccac	540
ctggatggag	ctatatccag	cagtcagcac	tgatgtccgc	tttgccaaca	tgctgggcca	600
gccgggtaag	gcagccaggc	tcccccttct	ctggcctggc	ttcctgccc	gccagcctct	660
ctgcgaattc	caccacactg	actaagggtc	ttc			693

<210> 1875

09483722.042400

<211> 434
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(429)
<223> similar to gi675458 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1875
gcggtggaat tccaaaggac caggcagcct gtgcagacca agtttttacac agacgccatg 60
gtggtcttcc atcacgtcaa cgcctacgaa gaggacggct gcatcgtgtt tgacgtcatt 120
gcctacgagg acaacagcct ctaccagctc ttctacctgg ccaacctgaa ccaggacttc 180
aaggagaact ccaggctcac ctcggtcccc accctcagga ggtttgccgt gcccctccac 240
gtggacaaga atgcagaagt gggcacaaat ttaatcaaag tggatatctac aacagccacg 300
gccctgaagg aagaagatgg ccaagtctac tgccagccgg aatttcttta tgaaggctta 360
gagcttcac ggggtcaatta tgctcacaat ggaaagcaat accgatatgt ctttgctaca 420
ggagttcagt ggag 434

<210> 1876
<211> 456
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(447)
<223> similar to gi438371 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1876
acacttttgc tgccgcagct gccgctgtgt gtcgtactca gtccgccgta agtcagcaaaa 60
tgcagcgtct ggaacaactc gttgggaaaag aactgttcgc tcgtcacggg cgcaacaaaac 120
tgtaactga acatggcatt caacttcttg gttacgccag gaaaatcctg cgttttaatg 180
atgaggcctg ctcatcatta atgttcagta atcttcaggg cgtattaact atcggtgctt 240
cagatgaatc tgccgatacg atcttacctt tcctgttaaa tcgctgagtg tcggtttatc 300
cgaaattagc gctggatgtc cgcgttaaac gtaatgccta tatggcagaa atgctggaat 360
cccaggaagt ggatttgatg gtaaccaccc atcgtccttc agcgtttaag gcattgaacc 420
tgcgtagctc gccaacacac tggctagggt actcaa 456

<210> 1877
<211> 470

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (16)...(471)
 <223> similar to gi342116 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1877
 aagtgtccca actgaactcg agtcactgtg gcggaattcg tccaagctac tgtgccagtc 60
 ttcatctaca ccagtagcct ccagttagcc gggcccaact cctacaagga aatcattgag 120
 aatgcccata aagaagactt tctggaaaac acatgggtctg ctccatatcc atacagcaaa 180
 aagcttgctg agaaggctgt gctggcagct aatgggtgga ctctgaaaaa tggatgatacc 240
 ttgtacactt gtgccttaag acccatgtat atctatgggg aaggaagccc atttcttact 300
 gccaatataa atgaggccct gaacaacaat gggatcctgt cgagtgtcag caagttctcc 360
 acagccaacc cagtctatgt tggcaacgtg gcctggggcc acattctggc cttgagggcc 420
 ttgcgggacc ccaagaaggc cccaagtgtc ctaggacagt tctactatat 470

<210> 1878
 <211> 461
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (65)...(460)
 <223> similar to gi311946 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1878
 cgaggaattc gctgggaggt aggcgcgggg cggtcggctg cggtggcggc gtttgatga 60
 ttgtctctcg gcggcgaggt cggatactgt ggcgtatgag gacctgtctg aggactatac 120
 tcaaaagaaa tggaaagggt tcgcactcag tcagagagcc ctgcactgga acatgatgct 180
 ggaaaatgac cgtagcatgg ctctcttggc aggttagaac atgatggaga gttcagagct 240
 gactccgaag caggaaattt ttaaaggatc agagtcactt aatagcacat cagggggact 300
 ctttgggggt gttcctgggg gaacagagac tggagatggt tgtgaagata cttcaaaga 360
 gttagaaggga caaccctcaa atgaagaagg gagcagacta gaaagtgatt tcttgaaaat 420
 aatagatgag gataagaaaa aatccacaaa agacagatat g 461

<210> 1879
 <211> 704
 <212> DNA

09408723_04100

<210> 1881
<211> 377
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (56)...(289)
<223> similar to gi4140400 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1881
cataatgtat agtattttctc ctgccaaactc tgaggaaggc caggaacttt atgtctgcac 60
agtcaaggat gatgtgaaact tggatacagt acttctccta cccttttttga aagaaatagc 120
agtaagccaa ctggatcaac tgagcccaga ggaacagttg ctggtcaagt gtgctgcaat 180
cattggtcac tccttccata tagatttgct gcagcacctc ctgcctggct gggataaaaa 240
taagctactt caggctcttga gagctcttgt ggatatacat gtgctctgct ggtctgacaa 300
gagccaagag cttcctgctg agcccatatt aatgccttcc tctatcgaca tcattgatgg 360
aaccaaagag aagaaga 377

<210> 1882
<211> 438
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(382)
<223> similar to gi2314829 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1882
gaaaatgttg agccattttcg acaaaaaactg tccatgataa tcaaagagga gaaactgtgt 60
ctagctcagc tatacagtgg ggatgaaaca gacctctttt ggaagtcaat gccagaaaat 120
tctcaggcaa gtaggaaaga tatctgccta ccagggaaga aaataaaca agaaagggtg 180
tctgcctttt tatgtgcaaa tgcagacgga actcataaat taaagtcaat cattattgga 240
aaatcaaaaac tgcccaaaaag tgtgaaagag gacacaagta cattgcctgt gatataataa 300
cccagtaaag atgtttgggt caccagagaa ttgttttcag aatgggtttt tcaaaacttt 360
gttcctgagg tccgacattt tcaacttaat gttctaagat tcatgacga ggacgtcagg 420
gcatgttact tttgacag 438

<210> 1883
<211> 1019

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (210)...(545)
 <223> similar to gi211610 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1883

ccttgggag	ctaccgctgc	aagtgccggg	aaggctacat	ccgggaagat	gatgggaaga	60
catgtaccag	gggagacaaa	tatcccaatg	actctggcca	tgagaagtct	gagaacatgg	120
tgaaagccgg	aacttgctgc	gccacatgct	aggagtctta	ccagatgaag	caaaccgcgc	180
tgacgctgaa	gcacaagata	gctctgctcc	ccaacaatgc	agctgacctg	ggcaagtata	240
tactggtga	caaggtgctg	gcctcaaaca	cctaccttcc	aggacctcct	ggcctgcctg	300
ggggccagg	ccctcccgcc	tcaccaggac	caaagggaag	cccaggcttc	cccgggtatgc	360
caggccctcc	tgggcagccc	ggcccacggg	gctcaatggg	acccatggga	ccatctcctg	420
atctgtccca	cattaagcaa	ggccggagg	gccctgtggg	tccaccagg	gcaccaggaa	480
gagatggttc	taagggggag	agaggagcgc	ctgggcccag	agggctctca	ggacccccctg	540
gttctttcga	cttctgtcta	cttatgctgg	ctgacatccg	caatgacatc	actgagctgc	600
aggaaaagg	gttcgggcac	cggactcact	cttcagcaga	ggagttccct	ttacctcagg	660
aatttccag	ctaccagaa	gccatggacc	tgggctctgg	agatgaccat	ccaagaagaa	720
ctgagacaag	agacttgaga	gccccagag	acttctaccc	atagcacatc	ccaacaccgt	780
cacgcaaag	gaagagaaa	atcaactcac	ctgcagttaa	accatctaaa	gagaagaaa	840
accactggag	acctagaaaa	catacatctt	tctcttctct	tctcctgacg	tctctccact	900
cctcttcttc	caaatacgat	gctattttca	gagtcacctc	ctaggcctgc	agacatgagg	960
gagtgaatga	ttgatttacc	tgcttctcac	taagagtcca	ttggggagg	ttgcatagt	1019

<210> 1884
 <211> 476
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(477)
 <223> similar to gi6002478 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1884

gacaagtgtg	gcaaagggtt	cagtcacaa	tcgtaccttc	aagctcacca	gagagttcac	60
atggggcagc	atctgtacaa	atgtaacgtg	tgtggtaaga	gtttcagtta	cagctcagg	120
cttctcatgc	atcagagact	gcacacagga	gagaaaccct	acaaatgcga	gtgcgggaag	180
agctttggcc	ggagctccga	cctccacatc	catcagagg	tccacacagg	agagaaaccc	240
tataaatgca	gtgagtgtgg	gaagggtctc	cggcggaatt	cagaccttca	cagccaccag	300
aggggtccca	cgggagagag	gccctacgtg	tgtgacgtgt	gtgggaagg	tttcatctac	360
agctccgacc	tccttatcca	tcagagggtc	cacactggag	agaaacccta	ttaatgtgct	420

gagtgtggca aaggcttcag ttacagctca gggcttctca ttcaccagag agtcca 476

<210> 1885
 <211> 375
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(377)
 <223> similar to gi3880799 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1885
 ttttttaagc aattttccaa attttcagca tgatattaat atttcttcat caaatgaaat 60
 catttcttcc cggggcttca ttcagacaac agatgtttct tcctcagcca aaaagaaaat 120
 attgttattc caattacgac gcatagctga agactgtcaa attcccctaa tgggtgtataa 180
 ccaggcattt atatattttg atcagtatgc tgcaatatta gaagacactg ttagaaaatgt 240
 attggttgca tcagcagcta tgttcattgt ttccttattg ttaatccctt atccattgtg 300
 ttccttgtag gtgacttttg ctatcggttc tgtgattgta ggggtaacgg gtttcatggc 360
 attctggaaa gtcaa 375

<210> 1886
 <211> 443
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (22)...(417)
 <223> similar to gil469870 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1886
 ggcacgagaa ctggagacag gccctccact gtgaacaagc ttttgcagct tcccagcacg 60
 accattgaaa atatctctgt gtctgtccac cagccacagc ccaaacacat caaacttgct 120
 aagcggcgga taccctcagc ttctaagatc ccagcttctg cagtggaaat gcctgggttca 180
 gcagatgtca caggattaaa tgtgcagttt ggggctctgg aatttgggtc agaaccttct 240
 ctctctgaat ttggatcagc tccaagcagt gaaaatagta atcagattcc catcagcttg 300
 tattcgaagt ctttaagtga gcctttgaat acatctttat caatgaccag tgcagtacag 360
 aactccacat atacaacttc cgtcattacc tcctgcagtc tgacaagctc atcactgagt 420
 tctgctaata caataacaat ggg 443

<210> 1887
 <211> 388
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(390)
 <223> similar to gi5019544 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1887
 ggcacgaggt aatattttat acatggatga atcagccagt gcagattcaa tcaggatatg 60
 tgattttggg tttgcaaaac aacttcgagg agaaaatgga cttctcttaa ctccatgcta 120
 cactgcaaac tttgttgac ctgaggttct tatgcaacag ggatatgatg ctgcttgtga 180
 tatctggagt ttaggagtc ttttttacac aatgttggct ggctacactc catttgctaa 240
 tggccccaat gatactcctg aagagatact gctgcgtata ggcaatggaa aattctcttt 300
 gagtgggtgga aactgggaca atatttcaga cggagcaaag gatttgcttt cccatatgct 360
 tcatatggac ccacatcagc cgtatact 388

<210> 1888
 <211> 503
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(504)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (340)...(453)
 <223> similar to gil698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1888
 tggccctcga ggccaacaat tcggcacgag gaaannnnnnn nnnnnnnnnn nnnnnnnnnn 60
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnatc ctgaagcatt tcatcaaaga 360

attgtaacag	gagatgaaac	atggcttctc	cagcatgadc	ctgaagaaaa	agcacatttc	420
aagcaaagca	gaccagtcca	gagcaaaggt	tggagaggct	ctagtgacaa	ctcactcttg	480
tctcatggtc	acgaattctt	ggt				503

<210> 1889

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(724)

<223> similar to gi2315451 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1889

ggcacgagga	tatgtcatcg	ccaggcttag	aattgccatc	ttgtgaatta	agtcgccttg	60
aagaaattgc	agaacttgtg	gcatcatctt	taccttcacc	tcttcgctcg	gaaaaacttg	120
cactggcact	agaaaatgag	ggttatatta	aaaagctcct	ggagcttttt	catgtgtgtg	180
aagatttgga	aaatattgaa	ggactgcacc	acttgtatga	aattatcaaa	ggcatctttc	240
tcttgaatcg	aactgctctt	tttgaagtta	tgttctctga	agaatgtata	atggacgtca	300
ttggatgttt	agaatatgat	cctgctttat	cacaaccacg	aaaacacagg	gaatttctaa	360
caaaaacagc	caagtttaaa	gaagtgattc	ccatatcaga	tcctgagctg	aaacaaaaaa	420
ttcatcagac	atacagagtt	cagtatatac	aagatatggg	tctaccaact	ccttcggtct	480
ttgaagaaaa	catgttatca	acacttcact	cttttatctt	tttcaataag	gtagagattg	540
ttggcatggt	gcaggaagat	gaaaaatttc	tgacagattt	gtttgcacaa	ctaacagatg	600
aagcaacaga	tgaggaaaaa	agacaggaat	tggttaactt	tttaaaagaa	ttttgtgcgt	660
tttcccaaac	gctacagcct	caaaacagag	atgctttttt	caagactttg	tcaaacatgg	720
gcatattacc	agcttttaga	gtcatccttg	gcatggatga			760

<210> 1890

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (235)...(343)

<223> similar to gi3149950 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1890

ctcatcctta	aagtgcacaga	gtaaattaac	tctaaggccc	catccaggac	tcaagctgtg	60
------------	-------------	------------	------------	------------	------------	----

tgattttaca	aaaatgaaaa	ttatattaat	aatcccatg	taaaatccca	aaagaaagtc	120
aagagactag	cagaaagaca	ggtgggtgat	gggatgtcct	ggacagagcc	tggatcatga	180
ggtcccatg	tagtgcttgt	actacgcaga	tgtttcctct	tgagctatgt	taaagggtgtg	240
gaaaaagcca	aagcaatgcc	ctctccacgg	atactaaaga	ctcacctttc	cactcagctg	300
ctgccaccgt	ctttctggga	aaacaactgc	aaggtaagat	accaacagct	ccctgtgaca	360
gaagggaaaag	taagccaacc	aaagcgagtc	ctgcagaccc	caacgcagag	cattcgtgat	420
cacctttgcc	tctccactgt	ctctgatgct	taccagcaaa	gagaaaacat	aaagttctac	480
attcagcagg	acattcacct	gaacagtttc	aaataggaca	tgaaggcagg	atccagattg	540
aatgtttgga	gggaactaga	gacatgggga	ggcagtgagt	gcagtaagcg	tagctgtgaa	600
atgaagggga	gaagatggtg	g				621

<210> 1891
 <211> 395
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(274)
 <223> similar to gi984814 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1891						
tatgaatcgt	cacagcactg	agaaaaccca	cctatgtgac	atgtgtggca	agaaattcaa	60
atcaaaagg	acactgaaaa	gtcacaaact	ccttcacact	gcagatggga	agcagtttaa	120
gtgcacggtg	tgtgactaca	cagcgcccca	gaagccacag	ctgctgcggc	acatggaaca	180
gcatgtctcc	ttcaagcctt	tccgctgtgc	ccattgccat	tactcctgca	acatatctgg	240
ctctctgaag	cggcactaca	acaggaagca	ccctaattgag	gagtatgcca	acgtgggcac	300
cggggagctg	gcagcggagg	tgtcatcca	gcaaggtggt	ttgaagtgtc	ctgtttgcag	360
ctttgtatat	ggcaccaa	at	gggagttcaa	taggc		395

<210> 1892
 <211> 377
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (49)...(378)
 <223> similar to gil934912 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1892

```

ctatggaccc gcagctcatc ccctgctcac cacctggcct ctccttttct ctgtgtgcag    60
atctggcagt gtggtggggg tctggaaaca cacccatggt cccatgttgg ccatgttttc    120
ccaagcaag ctccctactc ccgcaacaag gctctggcca acagtgttcg tgcagctgaa    180
gtatggatgg atgaatttaa agagctctac taccatcgca acccccgtgc ccgcttgga    240
ccttttgggg atgtgacaga gaggaagcag ctccgggaca agctccagtg taaagacttc    300
aagtggttct tggagactgt gtatccagaa ctgcatgtgc ctgaggacag gcctggcttc    360
ttcgggatgc tccagaa                                     377

```

```

<210> 1893
<211> 338
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(213)
<223> similar to gi3880999 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1893
atgcgaattg ctagcatcag caaaagtctc accatggttg ctcttgccaa attgtgggaa    60
gcagggaaac tggatcttga tattccagta caacattatg ttcccgaatt cccagaaaaa    120
gaatatgaag gtgaaaagggt ttctgtcaca acaagattac tgatttccca ttttaagtga    180
attcgtcatt atgaaaagga cataaaaaag gtgaaagaag agaaagctta taaagccttg    240
aagatgatga aagagaatgt tgcatttgag caagaaaaag aaggcaaaag taatgaaaag    300
aatgatttta ctaaatttaa aacagagcag gagaatga                                     338

```

```

<210> 1894
<211> 713
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(707)
<223> similar to gi5834394 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1894
aggcgctggc ctatgctgaa gtggctggac tcccgcccca gtatggcctc tactctgcct    60
tcatgggctg cttcgtgaat ttcttcttgg gcacctcccg ggatgtgact ctgggccccca    120
ccgccattat gtccctcctg gtctccttct acaccttcca tgagcccgcc tacgtgtgct    180
tgctggcctt cctgtccggc tgcattccagc tggccatggg ggtcctgcgt ttggctcaca    240

```

```
tctccctca tctctgga ctgggtggag ccgggaccag ctcgatgtcc cctcttggt 300
ggccagggtt cctgctggac ttcatcttccat acccgtcat taaaggcttc acctctgctg 360
ctgccgtcac catcggtctt ggacagatca agaacctgct gggactacag aacatcccca 420
ggccgttctt cctgcaggtg taccacacct tcctcaggat tgcagagacc agggtaggtg 480
acgccgtcct ggggctggtc tgcatgctgc tgctgctggt gctgaaactg atgcgggacc 540
acgtgcctcc cgtccacccc gagatgcccc ctggtgtgcg gctcagccgt gggctggtct 600
gggctgccac gacagctcgc aatgccctgg tgggtctcctt cgcagccctg ggtgcgtact 660
ccttcgaggt gactggatac cagcctttca ttctaacagg ggagacagct gag 713
```

```
<210> 1895
<211> 561
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(563)
<223> similar to gil825636 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1895
atcagataat agtgaatata gttaatcaga aaaaggcaaa aataaagaaa aagacaggga 60
gctagataaa aaggaaaaat cttagataaa agaaagtata aatataacta actccaaaca 120
catacaggaa gaaaaaaaaat caagtatagt agacggtaat aaagcacaac atgaaaaacc 180
cttatccctt aaagaaaaaa caaagatga acctttgaaa actccagatg gaaaagaaaa 240
agataaaaaa gataaagata tagatagata caaagaacga gacaaacata aagataaaat 300
tcaaataaat agcttactca aactaaaatc tgaagcagat aagcctaaac ctaagtcatc 360
accagcatca aaagataccc gacctaaaga aaagagggtta gtgaatgatg atttaatgca 420
gacaagtttt gaacgaatgc taagccttaa agacctagaa atagaacagt ggcacaaaaa 480
acataaggaa aaaattaagc aaaaagaaaa ggaacggttg agaaaccgaa actgtttaga 540
acttaaaata aaaaaaaaaa a 561
```

```
<210> 1896
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(421)
<223> similar to gi5912208 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 1896
ataattttaga ttgtggactt agttacaggg ttattttctta ccttaaaaaa ctcagccaac    60
agaccaaact agagtcagaa cgaatactag catcagtggg gaagaaacct cccagggaaa    120
ttggaattaa agtgaaaaat cattctggag gtggcatgtc cttgactcac aataaaaatt    180
ttagaaaaact attgaaagaa atcacagggg aaactgcact tagactgaca gaattgaaca    240
ccaaagaatt tgctggcttc caaattgggc tcttaaaca ggaattgaaa cctcagacat    300
acagaaatgc ttatgatatt ccccgtagag gtctttttaga ccagctgacc agaattgagat    360
ccaatctgct gaaaacgcac aagtttattg ttggacaaga tgaagattcc cttcatag    418

```

```

<210> 1897
<211> 851
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(854)
<223> similar to gil212992 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1897
aaccatcaga tccagaggtt gcaggagatc ccatatttcc accggggcca ccttcttgcc    60
cagaagttaa agataaaaacg aagtcaagca tctcactagg atggaaacct ccagccaaag    120
atggtggcag cccaatcaaa ggatacattg tagaaatgca ggaagaaggt actactgact    180
ggaaaagagt aaatgaacca tacaacttta taactacctg ggaatgtggg gggcctaatac    240
tgaaagagct caggaagtac agattcagag tgaaagctgt caatgaagct ggtgaatctg    300
aaccaagtga tacaactggg gagatccctg ccactgatat tcaagaggaa ccagaagttt    360
tcattgacat tggagcacag gactgtctgg tttgtaaagc tggctcacag attaggattc    420
ctgctgtcat caagggacgc ccaacaccaa aatcatcttg ggaatttgat ggaaaggcaa    480
agaaagcaat gaaggatgga gttcatgaca taccggaaga tgcacagctg gagactgctg    540
aaaactcctc agtaattatt attccggagt gtaaaccgatc tcatacaggc aaatacagca    600
tcacagccaa gaataaagca ggacaaaaga ctgcaaattg cagagttaaa gtcattggatg    660
taccaggccc acccaaagat ctgaaagtca gtgatatac aaggggtagt tgcagacttt    720
catggaagat gccagacgac gatggaggag acaggatcaa aggctatgtt attgagaaga    780
ggactattga tggaaaagcc tggaccaaag tcaatccaga ctgtggaagc accacatttg    840
tagtgacctg g                                     851

```

```

<210> 1898
<211> 603
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(604)
<223> n = a,t,c or g

```


<220>
 <221> misc_feature
 <222> (541)...(1)
 <223> similar to gi4589520 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1898
 cgcatcagca tccttgctgc tgccgatgct ggaatggcta gtgatgctgt tgaggcttga 60
 gatgctatct gaggagtttt gtctcttgat ccgaagttct ttgggtgtgg tttctgaggc 120
 attaaagggt ccctgaatga ctgcctgggc ctcaagattc tttttcttca gaaagtctat 180
 ggtttctcgc aaatccagca gctcagtgtc cttctcctcg gccgtctctg ccagggtgtcg 240
 caggcgggat gtcataattca ccaggctctg ctcaaaagca gccaccagat tagcattggc 300
 agaaagctga gacgtcaagg tggccacttt ttcttgaggat gattccagtt ccctacgaag 360
 cttccggatt tgctcagatt gcatcctctc ctcaagctgag gagtaggtgg aggaggcact 420
 ggaggccagg gacagcactg agccgtgaac atcgtccgtg ggggtctcgga aggatcctga 480
 ccgaatcatt cccttgggtc tctcggccag ggacagggtg ctccccgga cgcgtgggtc 540
 gaccgggaat ccgngnccgt cctcaggcga tcaacnaggg tttcaattnn ttnntctnng 600
 tca 603

<210> 1899
 <211> 415
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (50)...(240)
 <223> similar to gi2143260 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1899
 accgggacga cccacgcgtc cggaatttta attctattat atatgcagac tttctaaaga 60
 agataaagct tttttatggg agaaacgtta ttattgcttc aaacacccaa attgtcttcc 120
 taaaatatta gcaagcgccc caaactggaa atgggttaat cttgccaaaa cttactcatt 180
 gcttcaccag tggcctgcat tgtaccact aattgcattg gaacttcttg attcaaagta 240
 agtcaaatac atttatttgc tcttgtttta ttgtcagttt ttccagtaag gtatgttgcc 300
 agaagtattt cctttccttt taacatgaaa gcaattcaat ataatccaaa tgtgtaaatg 360
 tatatttata caaacatatc ttctgcattg aagttgtcaa taaagcattg catgt 415

<210> 1900
 <211> 737
 <212> DNA

acttgaggag	gcaatgcagg	ctgccgttca	gtaccaggat	ggactgcagg	cggtatttga	780
ctgggtagat	attgcagggtg	gtaaaattagc	ttcaatgtct	ccaattggaa	cagatctcga	840
aactgtcaag	cagcagattg	aagagctaaa	gcaatttaag	tctgaggcct	atcaacagca	900
gatagaaatg	gaaagact					918

<210> 1902

<211> 610

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(613)

<223> similar to gi407139 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1902

tcgcggacgc	gtgggtttct	ggtgaagggtg	gaacgtctat	aaccaactta	caatttatgg	60
gggaagcctt	taagagtatc	catgagaagg	tatcaaaaaat	atcagaaaact	aggaaatcag	120
atcaaaaaaac	cactgagtca	acagtaacca	gaaaaactga	acaaaaagct	cctgaaccaa	180
tttcctcaaa	accagtaatt	gttactgggt	tgcaggatac	aactgtttct	tcagacagt	240
ttgctaaatt	tgcagttaag	gctactggag	aaccccggcc	aactgccatc	tggacaaaag	300
atggaaaaggc	cattacacaa	ggaggtaaat	ataaactctc	tgaagacaag	ggaggggttct	360
tcttagaaat	tcataagact	gatacttctg	acagtggact	ttatacttgt	acagtaaaaa	420
attcagctgg	atctgtgtcc	tctagctgca	aattaacaat	aaaagctata	aaagatactg	480
aggcacagaa	agtctctaca	caaaagactt	ctgaaattac	acctcagaag	aaagctgttg	540
tccaagagga	aatttcccaa	aaagccctaa	ggtctgaaga	aattaagatg	tcagaggcaa	600
aatctcaaa						610

<210> 1903

<211> 836

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(752)

<223> similar to gi5732618 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1903

tcatgacctt	tgaactctat	gaggaatttc	ttcgagctat	gggccttcag	gagaggaagg	60
agacaatccg	tggtgtatac	tctgtgattg	atcaactctc	ccgaactcat	ctcaatacac	120

tggaacgcct	catctttcat	ctagtcagga	ttgctctgca	ggaagacact	aatcgaatgt	180
ctgctaattgc	tttggccatt	gtgtttgcg	cctgcattct	ccgctgccct	gacaccactg	240
accactaca	aagtgtacag	gacatcagta	agactaccac	ttgtgtggaa	ctgattgttg	300
tggaacaaat	gaataaatac	aaggctcgtc	tcaaagatat	cagtagcttg	gaatttgctg	360
agaataaggc	aaagaccagg	ttgtcactga	ttcgtagatc	aatgggaaag	gggcgtattc	420
gtcgaggaaa	ctatccaggt	ccatcgtctc	ctgttgtagt	tcggttgcc	tctgtgtctg	480
atgtctcaga	ggagaccttg	actagtgagg	cagccatgga	gactgacatc	acagaacagc	540
agcaagcagc	tatgcagcag	gaggagagag	tactgactga	gcagattgag	aacctacaga	600
aggagaagga	ggagctaaca	tttgagatgc	ttgtactgga	accccggtgc	tctgatgatg	660
aaacccttga	gtctgaggcc	tccattggga	ctgctgatag	ctcagagaat	ttgaatatgg	720
agtctgaata	tgctatctct	gagaaatcag	gtaagtgaac	atggtagacc	aaagactcca	780
gatttgtttt	gcaaaggagg	aataaaagatt	ccaaaactaa	gacaaagtct	tttaaa	836

<210> 1904
 <211> 397
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(399)
 <223> similar to gil212992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1904	
aattcgtaat	gctgcccattg aagatggtgg aatttattct ttaacagtgg agaattctagc 60
tggttcaaaa	actgtctcag taaaagtact tgtattagat aaacctgggc cacctagaga 120
tctggaagtc	agtgaatta ggaaagattc atgttccctt acttggaag aaccactgga 180
tgatggtggt	tctgttatta ccaattatgt gggtgagagg agagatgttg ccagcgccca 240
gtggtcacct	ctctcagcta catcaaagaa aaagagtcac ttcgctaagc atctgaatga 300
aggcaaccag	tacctcttcc gagtagctgc ggagaaccag tatggacgtg gtccttttgt 360
tgaaacacca	aaaccaatca aggctttgga tcctctc 397

<210> 1905
 <211> 419
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(422)
 <223> similar to gi407139 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1905

atcaatacag	acctaaatgg	cgtattccta	aactgtccca	agatgatctt	gagatagtga	60
gaccagcccg	ccggcgtaga	ccttctcctg	attatgactt	ttactaccga	cctagaagac	120
gttctcttgg	ggacatctct	gatgaagaat	tactcctccc	cattgatgac	tacttagcaa	180
tgaaaagaac	agaggaagag	aggctgcgtc	ttgaagaaga	gcttgagtta	ggtttttcag	240
cttcaccccc	aagtcgaagc	cctccacact	ttgagctttc	tagcctacgt	tactcttcac	300
cacaagctca	tgtcaagggtg	gaggaaacaa	gaaaagactt	cagggtattca	acctatcaca	360
tccaacgaa	ggctgaagct	agtacaagtt	atgcagaact	gagggaacgg	catgcccag	419

<210> 1906

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(772)

<223> similar to gi407139 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1906

agtaactata	actgtccacc	cagagcctca	tgtaacatgg	tataaatcag	ggcagaaaat	60
caaaccaggt	gacaatgaca	agaagtacac	atttgagtca	gacaagggtc	ttaccaatt	120
aacaatcaac	agtgtcacta	cagatgatga	cgctgaatat	actgttgtgg	caaggaacaa	180
atatggtgaa	gacagctgta	aagcaaagct	gacagtaacc	ctacaccac	ctccaacaga	240
tagtacctta	agacccatgt	tcaaaagggt	actggcaaat	gcagaatgcc	aagaaggcca	300
aagtgtctgc	tttgagatca	gagtgtctgg	catcccccca	ccaacattaa	aatgggagaa	360
agatggtcag	ccactgtccc	tcgggcctaa	cattgaaatt	atccatgaag	gcttgatta	420
ttatgctctg	cacatcaggg	acactttgcc	tgaagacacg	ggttattata	gagtcacagc	480
cactaacaca	gctgggtcca	ccagctgcca	ggctcaccta	caagtggaac	gcctgaggta	540
caagaaacag	gaattcaaga	gtaaggagga	gcatgagcga	cacgtacaaa	aacaaattga	600
caaaaccctc	agaatggctg	aaattctttc	tggaactgaa	agtgtaccac	tgacacaggt	660
agctaaagag	gctctgagag	aagctgctgt	cctttataaa	ccggctgtaa	gcaccaagac	720
tgtaaaaggg	gaattcagac	ttgagataga	agaaaagaag	gaggagagag		770

<210> 1907

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (18)...(807)

<223> similar to gi407097 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1907

cgacccacgc	gtccgagaac	gcccacggcc	aggcctcctc	cttcgccaat	ttcctcgtcc	60
gcacttacct	ggggaaggat	gctggcttcg	attcagagat	cttcaaaaaga	tcgacgtttg	120
gccccagcgt	ggaattcacc	tcggtgctga	agccagtctt	tgctcgtgag	aaggaaccct	180
tctccctgtc	atgcttggtt	tcggaagatg	tgtagatgc	tgagagcatc	cagtgggtcc	240
gagatgggag	cctactgagg	tcctcgagac	gtcgggaagat	cctctacaca	gaccgccagg	300
catccctgaa	ggtgtcctgc	acctacaagg	aggacgaggg	gctctacatg	gtccgggtgc	360
cctcgccctt	cggaccccgg	gaacagagca	cctacgtgct	tgtgagagat	gccgaggccg	420
agaaccccgg	ggccccaggc	tccccactga	acgtccgatg	cctggatgtg	aacagagact	480
gcctcatcct	gacttggggc	ccgcccagtg	acacccgggg	caaccccatc	actgcctaca	540
ccattgagcg	gtgccagggc	gagtctgggg	aatggatcgc	ctgccatgag	gcccccgag	600
ggacttgtcg	gtgcccatac	caaggcctcg	tcgaagggtca	gagctatcgg	ttccgggtga	660
gagccatcag	cagggtaggc	agcagcgtcc	cctccaaggc	ctcagagtgt	gttgatcatg	720
gtgaccatga	tgcagcccgg	aggaagacag	agatccccct	tgatctggga	aacaagatca	780
ccatcagcac	agacgctttt	gaagatactg	tgg			813

<210> 1908

<211> 1279

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (26)...(1182)

<223> similar to gi5821434 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1908

agaattttct	attctgctcc	agaaagccga	agaacatgaa	gagtcacaag	gtcctgttgg	60
tatggaaacg	gagactatta	atcagcagct	taacatgttc	aaggatttcc	agaaagaaaa	120
gattgaaccc	ttgcaaggta	aacagcaaga	tgtaaactgg	ttaggtcaag	gccttattca	180
gagtgtctgc	aaaagcacta	gcactcaggg	cttgagagcat	gacctggatg	atgtcaatgc	240
acggtggaag	actctcaata	agaagggtgg	tcagcgagca	gccagctgc	aggaggcctt	300
gctgcactgt	gggagggttc	aggatgccct	ggagtccctg	ctcagctgga	tggtggacac	360
tgaggagctt	gtggccaatc	agaagcccc	gtcggctgag	ttcaaagtgg	ttaaaggcca	420
gatacaagaa	caaaagcttc	tccagagatt	gttggatgac	cgaaaatcta	cgggtggagg	480
aatcaaacga	gaaggagaaa	aaattgctac	aacagcagag	cccgcagata	aagtgaagat	540
tttgaaacag	ctcagtctct	tggatagcag	atgggaggca	ttgcttaata	aagctgaaac	600
aaggaatcgt	cagttggaag	gtatctcggt	ggtagcacag	caatttcatg	aaaccttaga	660
accactgaac	gagtggctta	caaccataga	aaagaggctg	gtgaattgtg	aacctatagg	720
aacccaagca	tctaaacttg	aggaacaaat	tgcacagcac	aaagccttag	aagatgacat	780
catcaatcac	aataaacatt	tacaccaggc	tgtagcatt	ggccagtcct	taaaggtttt	840
gagctccagg	gaggataaag	atatggtgca	gagtaaatta	gacttctctc	aagtatggta	900
cattgagatt	caagagaaaa	gtcacagcag	gtctgagctc	ctccagcagg	ccttatgtaa	960
tgctaagatt	tttgggggaag	atgaagttga	actgatgaac	tggctgaatg	aagtgcata	1020
caaactgagc	aagctctcag	tccaggatta	cagcactgaa	gggctatgga	agcagcagtc	1080


```
gtgaggacct gactgtggcc ctgcaagcag aggaactgac cctccagcag ctgggcaccg 60
tggaactctg gcagttcctg catggacagt gccaggtac atgctttcag gaatcctcaa 120
ctttgaagac tggccacatc aggccagctg tgggccttcg ctttgagggtg gggcctggag 180
cagctgttca ttccccctg gcctcacaaa atggcttcct acatttattg cttcatggct 240
gtgacctcga gctgctcact tcagtgtca gtggcctggg gcccttcttg gaggatgagg 300
agatcccgtt ggtagtcccc atgcagattg agcttctgaa ctccagcatc accctaaagg 360
atgatatccc ccccatctat ccaacatctc caggcccat ccccatcact ctggccatgg 420
aacatgttgt gctgaagagg agtgatgatg gtgtgttcca cataggcgct gctgctcagg 480
acaaaccatc agctgaagta cttaaaagtg agaagagaca gccccaaaaa gaacagggtgt 540
ttttggtgcc cacaggagag gtttttgaac agcaggtgaa agaactgcct atcctacaaa 600
aagaacttat agaaactaaa caagccttgg ccaatgccaa ccaagataag 650
```

```
<210> 1911
<211> 815
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(816)
<223> n = a,t,c or g
```

```
<220>
<221> misc_feature
<222> (27)...(389)
<223> similar to gi4164366 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 1911
gcggccgcaa cgtctgcaag ttgcgcgtgc acagcggcta cagcagctac agcctcagcc 60
gcgcgcggga cggcgcggcc ctggccaccg cgcgcgcctc gccccggcag gaaaaggatg 120
cgctccact tagcaaggct gggcaggatg tggttctgca tctgccaca gacgggggtg 180
ttctagacgg ccgcgagagc acagatgacc acgccatcgt ccagtatgag tgggcactgc 240
tgacggggga ccgctcagtg gacatgaagg tgcctcaatc aggaacctg aagctgtccc 300
acctacagga gggaacctac accttcagc tgaccgtgac ggacactgcc gggcagagaa 360
gctctgacaa cgtgtcagtg acagtgttc gcgcagccta ctccacagga ggatgttttg 420
cacacttgct cacgtacca cttcttctgt gacgatggct gctgcattga catcacgtc 480
gcctgcgatt ggagtgcagc agtgtcctga tgggtctgat gaagacttct gccagaatct 540
gggcctggac cgcaagatgg taaccacac ggcagctagt cctgccctgc caagaaccac 600
agggccgagt gaagatgcag gggggtgact ccttggtgga aaagtctcag aaagccactg 660
cccaaacaa gccacctgca ttatcaaaca cagagaagag gaatcattcc gccttttggg 720
gaccagagag tcaaatcatt cctgtgatgc cagatagtag ttccctcaggg aagaacagaa 780
aagaggaaag ttatatattt nagtcaaagg gtgat 815
```

```
<210> 1912
<211> 338
```


<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(339)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (338)...(245)
<223> similar to gi307095 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1912
ggtaaagtca gcaggcacag ccttagctct catgggctta aaaattgggt ggagtacaaa 60
aataaccaga caagtatctg agaaagccaa gctgtgctaa aggttactaa cagacacatg 120
aatctgtgac agcttatgag aggaaagttg atttcagatg ggaggggagg gagcgcttcc 180
cacaagaggg gttgatcatg ctgagatatg aaggacaggt aggagctggc cactgcagaa 240
aggaaggctc catcaaatcc aaggccaagg cctccagggt cctgaagtgc tgctgcagca 300
cgnggttctc aaagctgtca cttctgtatg gtgaagcg 338

<210> 1913
<211> 663
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (256)...(664)
<223> similar to gi3628757 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1913
gcttccattt tactttgttt ttaaactgta aagtggggat aatgactgtt cccatcttag 60
agagtcaatg ggcaaattca gtgagaaaat gtatgtaaaa tatttagctg agttcctgac 120
gtaattcata tgattaatgg taagaagagg tttgcatact tgcttttcaa atgactattt 180
cttgaggtta gatgcgtaat tagatcatgt tgatatgact aattttgagt tcaagttaac 240
cttaaccaca cttctatctt atttcagatt tttgggtttc tgatatgctt ggggaattatt 300
cttgcaatag gaaattcaat ctgggagagt caaactgggg accaattcag aactttcctc 360
ttttggaatg aaggagagaa gagctctgtg ttctccggat tcttaacatt ctggtcatat 420
attattattc tcaatacagt tgtaccatt tccttatatg tgagtgtgga agtaattcgt 480
ctaggacaca gatattttat aaactgggac cggaagatgt attattctcg aaaagcaata 540
cctgcagtgg ctgcaacgac cagctcaat gaggaactgg ggcagattga gtacattttc 600
tccgacaaaa cgggtaccct cactcaaac atcatgacct ttaaaagatg ctccattaat 660
ggg 663

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```
<210> 1915
<211> 553
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (42)...(424)
<223> similar to gi436228 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1134

tggccgtgga	ttgcgaagac	cggcgctact	gcttccagat	caccacgccc	aatggaaaaat	360
cggaataaat	cctccaggct	gagagcagaa	aggaaaatga	agagtggata	tgtgcaataa	420
acaacatctc	cagacagatc	tacctgaccg	acaaccctga	ggcagtcgcg	atcaagttga	480
atcagaccgc	tctgcaagca	gtgactccca	ttacaagttt	tggaaaaaaa	caagaaagct	540
catnnnccgg	cgc					553

<210> 1916
 <211> 1684
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (118)...(566)
 <223> similar to gi3875451 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1916	
attcgtgtc	tccacgcatg aggagacgtg taggggcccgt gttcggccct ggtgaactct 60
cacccgagcg	gtttctcttt ccgggacaac atggcgccgt ccacgccgt cttgacagtc 120
cgaggatcag	aaggactgta catggtgaat ggaccaccac attttacaga aagcacagtg 180
tttccaaggg	aatctgggaa gaattgcaaa gtctgtatct ttagtaagga tgggaccttg 240
ttgcctggg	gcaatggaga aaaagtaaat attatcagtg tactaaca gggactactg 300
cactccttcg	acctcctgaa ggcagtttgc cttgaattct caccaaaaa tactgtcctg 360
gcaacgtggc	agccttacac tacttctaaa gatggcacag ctgggatacc caacctacaa 420
ctttatgatg	tgaaaactgg gacatgtttg aaatctttca tccagaaaaa aatgcaaaat 480
tgggtgccat	cctggtcaga agatgaaact ctttgtgccc gcaatgttaa caatgaagtt 540
cacttctttg	aaaacaacaa ttttagtatg gaaagattta tgacataatt ttattactta 600
ctgtaatcgt	atacagtttc cattaacttt tatgacatca tagggttttc ctaaatactg 660
ttaatctatt	aatcaataat tactcttaca tacatttgca taattcttta taagtctgaa 720
ttcagtgaag	atctgtaaca caaaggtttt cttttacaat aactttttat tatctgggta 780
attgctatta	agacatttga atatcttttc ctggaattta attgctattg aaattctgtg 840
acacaaat	tttagatatt ttatcgtgta gaattttaaa cttcagacac ctagtcttag 900
taaccatcag	cttgtggcca atcttatctc atccatacat ctctccagct accatctctt 960
actaagtga	agcaaatccc agatatgggt atactttttat atacttggtta aatatgtaat 1020
tgtaaatatt	tcagagtaga tttctgaaga ttggggccct tcatttttta aacttagcca 1080
caaaaccatt	atcacaaatt attaaatatg tgttcaaatt tctactaatt gcaaatgtta 1140
caattttttt	taaaactcgg gatccaaata aggtactgca cattgtgggt gattgatata 1200
tcttttatgt	ttcttttggc cctataagtt cccactctat ctgttatatt attcttcata 1260
atttattgtt	taagaaacaa ggttattttg ctttcacgtt ttcccatagt ttgaattttg 1320
cttttgtatc	ccatgggtata atttaacatg ttcatctgtc ccctataaat tgcaagttgg 1380
ctctagagtt	tcagcttcag gttctttttt aggtgagtaa gggtaagact acattataag 1440
gtgatgttca	cttctttttat caagaagcac ataatgtctg gttgtcttta atttgtagg 1500
cttagctgac	attaatgttt catgcctgga tgcattatct catcagtggt tgcaaatgtt 1560
tgatactctg	gttttttctc cctcacttat ttttcagctg tactgcttct ataaagaaaa 1620
atttcccctt	ctactattttg gttacctagt gctgcattta tatagaaaag gcgggataaa 1680
tatt	

2025 年 1 月 2 日

```
<210> 1918
<211> 329
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(149)
<223> similar to gil531548 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1136

<210> 1919
 <211> 368
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(326)
 <223> similar to gi4731584 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1919
 tggataataa atctgaagtt cagttgtggc tgttaaagag aattcaggta cccattgaag 60
 atatacttcc ttcaaaagaa gaaaaaagca agaccccacc catgttcctg tgcataaag 120
 tgggaaaacc aatgagaaaa tcctttgcca ctcacactgc agccatggtc cagcagtacg 180
 gcaaacggag aaagcagcca gagtactggg ttgctgttcc tcgggagagg gtggatcatt 240
 tgtacacatt ctttgttcag tgggtctccc atgtctatgg aaaagatgcc aaagagcaag 300
 gctttgtggg ggtggagaag gaagaactga acatgattga caacttcttc agtgagccaa 360
 caaccaag 368

<210> 1920
 <211> 383
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (263)...(385)
 <223> similar to gi840693 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1920
 agcacaataa aagaaaccct atactaggca aattattatg aaatttgttt taggacacca 60
 gaaataaaga taatatctaa aaacttttta gaatcgccca ggagggatta ggaatatgaa 120
 tagcatctaa cttgttggca gtagaattga aggtagaagg tggtaaaaca tcaccttgaa 180
 agttttgcat tcagcctaga attctgtatc cagttaaacc atcaatcaag tgtgaaagta 240
 gggggaaaaa ctcaaggact aaaaaaatgt gctcatgaag aacatttttt ttggacatta 300
 cccagaagta gaagaagctg atggcaaca gcagtgggtg tttggtggtg gatgtgacct 360
 cactccaaca tacttgaatc aag 383

<210> 1921
 <211> 582

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (37)...(394)
<223> similar to gi5689407 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1921
aatgatccag tacgggtcaaa gttttgtaaa atacgtgttt tgtgccacac gcttgctagg 60
aacatggtgt atattttaac aatcactacc cccttgaaga gctctgactc aagaaagcgg 120
aaggctgtga ttctgactgc aagggtccat ccaggggaaa ccaacagctc ttggatcatg 180
aaaggcttcc tagattatat tttaggaaac tcaagtgatg cacagttgct tcgggacact 240
tttgtcttca aggtggtacc catgctgaat ccagatggtg tgattgtggg aaattatcgc 300
tgttccttag ctggacggga tttaaaccgt aattatacat ctctcctgaa ggaatctttt 360
ccttctgtat ggtatacccg gaacatgggt cataggtaaa ataagcctca aattacctct 420
gtgcttattt agtaaacttg gtagtaacaa ttttgctccc acaatctcat tcattttact 480
gtaacttctc aagatagtct aactactgta taactacttt attttttccc cgttattcac 540
aactgtgatt ctataccttt ctgtcattat gccactggat tc 582

<210> 1922
<211> 916
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(918)
<223> similar to gi485858 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1922
ttttgataag aggcaacatg aagcaagaat ccagcaaattg gagaatgaaa ttactatatt 60
gcaagaaaat ctaaaaagta tggaggaaat ccaaggcctt acagatctcc aacttcagga 120
agctgatgaa gagaaggaga gaattctggc ccaactccga gagttagaga aaaagaagaa 180
acttgaagat gccaaatctc aggagcaagt ttttggttta gataaagaac tgaagaaact 240
aaagaaagcc gtggccacct ctgataagct agccacagct gagctcacca ttgcaaaga 300
ccagctgaag tcccttcatg gaactgttat gaaaattaac caggagcgag cagaggagtt 360
gcaggaagca gagagggttca gcagaaaggc agcacaagca gccagagatc tcacccgagc 420
agaagctgag atcgaaactc tgcagaatct cctcaggcag aagggggagc agtttcgact 480
tgagatggag aaaacagggtg taggtactgg agcaaaactca caggctcctag aaattgagaa 540
actgaatgag acaatggaac gacaaaggac agagattgca aggtctgcaga atgtactata 600
cctcactgga agtgacaaca aaggaggctt tgaaaatggt ttagaagaaa ttgctgaact 660
tcgacgtgaa ggttcttatt agaattgatta cataagcagc atggcagatc ctttcaaaag 720
acgaggctat tgggtacttta tgccaccacc accatcatca aaagtttcca gccatagtgc 780
ccaggccacc aaggactctg gtgttggcct taagtactca gcctcaactc ctgttagaaa 840

accacgccct gggcagcagg atgggaagga aggcagtcaa cctccccctg cctcaggata 900
ctgggtttat tctccc 916

<210> 1923
<211> 359
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (281)...(361)
<223> similar to gil763238 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1923
tgtccatggg atgtgttaaa tctctatcat atgtctgtaa aaattcttat ttgtaaaatt 60
tgtagttcta ttgaagatga aaattgcttt taagggaact cattaatctt caaaatttcc 120
atatcattgt caaaagttgt gttataggaa aagattggaa aagggtttgt aagcatcctc 180
tgaattacta tttttgccac tagatcttct aaatgattaa tgaagtttga aatatttagt 240
gtttaggga tacaagtaat ctttcgcttt tctcttttca ggggtagact taaagtctga 300
aacagaaggt ttcagtgcac caagcagtcc aaatgactta ctcgaaaacc tcactcaag 359

<210> 1924
<211> 561
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (2)...(545)
<223> similar to gi2739105 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1924
cttagctatc gccatcacc gcttctatac aaagaggctg accttttgga cgtgtctggc 60
tgtgatctgt atggtgtgga ctctgtctgt ggccatggca tttcccccg gtttagacgt 120
gggcacttac tcattcatta gggaggaaga tcaatgcacc ttccaacacc gctccttcag 180
ggctaatagat tccttaggat ttatgctgct tcttgctctc atcctcctag ccacacagct 240

```
tgtctacctc aagctgatat ttttcgtcca cgatcgaaga aaaatgaagc cagtccagtt 300
tgtagcagca gtcagccaga actggacttt tcatggtcct ggagccagtg gccaggcagc 360
tgccaattgg ctagcaggat ttggaagggg tcccacacca cccaccttgc tgggcatcag 420
gcaaaatgca aacaccacag gcagaagaag gctattggtc ttagacgagt tcaaaatgga 480
gaaaagaatc agcagaatgt tctatataat gacttttctg tttctaacct tgtggggggcc 540
cctacctggt nggcctgtta t 561
```

```
<210> 1925
<211> 484
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (74)...(486)
<223> similar to gi337485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1925
ggggtgtggc caagggcacc acccccttga aaaccgtagt agcatgacta tcgccaagct 60
tggcacgagg ccagagcatg aggccacag tgttgtgcca atggaggatg ttgcctggga 120
gtacaagtgg gaacttcatg aggcctcga acatctgaag aaagagcaag aagaggcctg 180
gaagcttgaa gttggtgaaa ggaaacgaac tgccacctgg aagatacagg tggaaacccg 240
aaaacagagt gttgtatggg agtttgaaaa ataccagcga ttactagaga aaaagcagcc 300
accacatcgg cagctggggg cagaggtagc agcagctctg gccagcctac agcgggaggc 360
agcggagacc atgcagaaac tggagttgaa ccatagcgag ctcatccagc agagccaggc 420
cctgtggagg atgattgcag agttgaaaga gaggtcgcag aggcctgtcc gctggatggt 480
gcag 484
```

```
<210> 1926
<211> 866
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (85)...(867)
<223> similar to gi500714 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 1926
gggggacttt gagatgtgtg aatattcatc agcatttgct tgtggaacgc tcacctctgc 60
tttttactct tgccgaaaga ctgtattgat caagtgatga aactacagaa tctgtttgta 120
```



```

<400> 1928
ggcaagaagc cactgggcta ggtacttcaa cccaaccctt gacatctagc gcatcgtctc   60
ttactggttt cagtaactgg tcagcagcga tagcgccctc ctctcttaca ataatcaatg  120
aagatgcaag tttctttcac cagggagggg tccctgctgc ttcggctaata aacggtgctc  180
tggtgtttca aaatttcccc catcatgtca gccctggctt tggaggcagc ttctctcctc  240
agatcggggc tctctcacag caccacccac atcaccctca tttccagcat catcacagcc  300
agcatcagca gcaaaggagg tctcctgcca gtcccatcc cccacccttc acacatagaa  360
atgctgcttt taaccagctg cctcatttgg cgaataatct taacaaaccc ccctctccgt  420
ggagcagcta ccagagtccg tcaccaacac cctcctcttc ctggagcccg ggcggtggtg  480
gatattggtg ctggggagggt tcccaaggcc gagatcaccg cagagggctg aatggtggaa  540
taacgcccct gaactccatc tcgcctttga agaaaaattt tgcaagcaat catattcagc  600
tccagaagta tgctcgcccc agctctgcct ttgcacctaa atcctggatg gaagatagct  660
tgaacagggc tgacaacatt tttccttttc cggatcgccc caggacattc gacatgcact  720
cactggagag ttactcatt gacataatga gagctgaaaa tgataccatt aaagggcagt  780
cttcactgtt tccaatggaa gatggattct tgga                               814

```

```

<210> 1929
<211> 411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(303)
<223> similar to gi2745727 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1929
ggcctcgtgc cacttacacc aatggcattg acatgaacat ggtcctaaag ggtttcccag   60
aatgcttaca agcagacatt tgtctacatc tcaaccagac attgctgcaa aactgcaaag  120
cctttcgggg ggcaagtaaa ggttgcctta tagctttggc aatgaagttc aaaaccaccc  180
atgcacctcc aggagacacc ctcgttcact gtgggggatgt cctcactgca ctttatttct  240
tatccagagg ctccattgaa attctcaaag atgacattgt ggtggctatt ctgggtgagt  300
gttttataag tgcatggtga cagattcagt tattagcttg taatgcatag attaaaatga  360
ttaggaaaaa aagactgatg tatgtattca taagaacagc ttaagatggt g                               411

```

```

<210> 1930
<211> 709
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (65)...(585)
 <223> similar to gi3878400 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1930

aggggacctg	cagtcggagg	aggctgtggg	gactgggtcc	aaccgcccct	tgccacacaca	60
gtccctgcag	tcactgtcgg	tggcagactc	ccggctgaag	cttcgcacca	gcatacctcat	120
caatgccctg	ggcagcaaca	cctgcctggc	caaggtggat	ctgagcggca	atggcatgga	180
ggacatcggg	gccaagatgc	tgtctaaggc	cctgcagata	aactcctccc	tcagaactat	240
cctatgggat	cggaacaata	catctgccct	gggcttcctg	gacatcgcaa	gggccctgga	300
gagcaaccac	acgctgcgct	tcatgtcctt	ccccgtgagc	gacatctccc	aagcctatcg	360
cagcgcgcct	gagcgcaccg	aggacgtctg	gcagaagatc	caatggtgct	tagtgaggaa	420
caaccactcc	cagacgtgcc	cccaggagca	ggccttcagg	ttgcagcagg	gcctggtgac	480
cagcagcgcc	gagcaaatgc	cgcagcggct	gtgtggacga	gtgcaggagg	aggtgcgggc	540
cctgagactg	tgccccctgg	agcctgtgca	ggatgagcta	ctctacgctc	gggaccttaa	600
taaagatgcc	aagaactccc	gggcggggag	ccctccacag	gctacccttc	ccctgaagtc	660
tggagaacct	aagaaggccg	accatgctaa	gccatgacag	ccctgccct		709

<210> 1931
 <211> 522
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (21)...(522)
 <223> similar to gil65506 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1931

tacgcgcagc	ttggcacgag	ggcaagtttg	gggcagtctg	tacctgcatg	gagaaagcca	60
caggccttaa	gctgtcagcc	aaggctcatca	agaaacagac	tcccaaagac	aaggaaatgg	120
tgttgctgga	gattgaggtc	atgaaccagc	tgaaccaccg	caatctgatc	cagctgtatg	180
cagccatcga	gactccgcat	gagatcgccc	tgttcatgga	gtacatcgag	ggcggagagc	240
tcttcgagag	gattgtggat	gaggactacc	atctgaccga	ggtggacacc	atggtgtttg	300
tcaggcagat	ctgtgacggg	atcctcttca	tgcacaagat	gagggttttg	cacctggacc	360
tcaagccaga	gaacatcctg	tgtgtcaaca	ccaccgggca	tttgggtgaag	atcattgact	420
ttggcctggc	acggaggtat	aacccaacg	agaagctgaa	ggtgaacttt	gggacccccag	480
agttcctgtc	acctgaggtg	gtgaattatg	accaaattct	cg		522

<210> 1932
 <211> 696
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (14)...(455)

<223> similar to gi4583423 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1932

ggccaggcct	gggaccctgt	tgggaacttt	taatgccatg	gatccagaca	gccagataag	60
atatgaactg	gttcatgacc	cagcaaattg	ggtcagcgtc	gacaaaaact	ccggagtggg	120
catcaccttg	gagccaattg	accgagaatc	ccctcatgta	aataacagtt	tttatgtaat	180
catcattcac	gctgttgatg	atggcttccc	accgcagact	gctacaggga	ccctaattgct	240
cttcctgtct	gacatcaatg	acaacgtccc	gactctccgg	ccacgttccc	gctacatgga	300
ggtctgtgag	tctgctgtgc	atgagccctt	ccacatcgag	gcagaggatc	cggacctgga	360
gccgttctct	gacccattta	catttgaatt	ggacaatacc	tggggaaatg	cggaggacac	420
atggaagtgt	gggagaaatt	ggggtgagtt	tttgtattgg	ttacgggcaa	agagtggaaa	480
atgccagata	tccaattcaa	acagatttag	gcaaaaaagg	actttattag	cttaaaaaac	540
cggagagggtc	tgcgttcttg	cagagctggc	tctaggtgct	caaaggatat	ccctggatat	600
ccttcccaca	catgggtctgc	ctttctctag	gttccttctt	ttttaggaaa	ctctcctcct	660
cacggggtag	gaggctgctg	ggagtccctg	agacat			696

<210> 1933

<211> 205

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(193)

<223> similar to gi2058536 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1933

cgcaccttct	cttctctctg	ctactctggc	tcccagacac	caccggagac	actgtgttga	60
cgcagtctcc	agccaccctg	tctttgtctc	caggggagag	agccaccctc	tcttgccggg	120
ccagtgaag	tgtgggagac	aactgcttag	cctggtctca	ccagacacct	ggccaggcta	180
agcagttgtc	gcgtcgacgc	ggccg				205

<210> 1934

<211> 726

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(727)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (400)...(544)
 <223> similar to gi2665742 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1934
 ctttctacag aaccaaaaaac acagaagttg agtaataaga aaggaagtaa tactgacact 60
 cttagaagag tactgttaac acaagcaaag gtaactatac taaacatttt taaagatcag 120
 tggaagagcc agtctttttc ctagatttca gttagataat tggttaacttt gtctcaatta 180
 aaaaattttg gttacttaaa tttttgcatc attatttgca tatctttgag acaacaaaaa 240
 tttgcctttt tttagnnnnn nnnnngtggg ggggatctaa aagattctta tatgtaaata 300
 caaatattac agagaaagtg aatatgatag ccaaatgtg gattatgagg atacaaatcc 360
 attaactgat tactggcaaa atcagaacaa tccaatgaca gcagagctca aaatcaattt 420
 gcagcagtaa ataccccaca gaaagaaaact tctcagattg atggaccatc tttaaacaat 480
 acttacggtt tcaaagtcag catacaaaac ttacaggagg caaaagcttt acatgaggta 540
 aaactgcaac agtaaggaca catacattgg gttcagttta actcctgttt tattctataa 600
 aacaagtatg gaattttttt aacaaggagg gagtatattg aattctatcc tattaatcct 660
 catcttggtc tcattttact attttgata tttacatggt tatgtacaat acataaactt 720
 aaagct 726

<210> 1935
 <211> 484
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (242)...(393)
 <223> similar to gi3015538 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1935
 cccattctgg gcaagccact agcttgact gaatggctct tcccaccaac actgacacat 60
 tgccgtacaa gattgacttt cttgacctat tggcagctc tgcagctatt tggcccaaaa 120
 taactttgtc attatgcact gccccattgg aagcatcact cttttaccta tagcacttca 180
 tctgcctaatt tctctgaatc ttcattcgca gaacttcaag gtagaatttg ctttaaattg 240
 tgagtttggt cctgttgaat ttcattgaaat ccggcaagtg aaagccagtt ttaagaagct 300
 gatgagggct tgtatcccaa gcaccatccc tactgactca gaagtgacct tcctgaaagc 360
 gctgggagat tctgagtggg tcccacaggt aatgtctgaa gcagcttctt tctttataac 420
 tcaaagaaac ggacgcgtgg gtcggccggg cgacgtgctc atcgaggcgc tcgaaaaacc 480

```

<210> 1936
<211> 1203
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1150)
<223> similar to gi4337110 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1936
cccaacatcg cgatagtacc caaggacggg acgggatggg caaacaagca ggatcagcaa      60
gacccaaaga gttccagtgc gacggcctct cagccgccgg agtcgctgcc gcagccgggt      120
ttgcagaaat ctgtctccaa ttgcagaaa ccgacacagt caatcagtca ggagaataca      180
aattcagtgc caggtggacc aaagtcattg gcacagctga atggaaagcc agtaggacac      240
gaaggtggtt taaggggctc aagccgactg ttatccttct ctcccagga atttccgacg      300
ctgaaagcag ctggagggca ggacaaggct ggcaaagaaa agggcgtctt agatctgtcg      360
tatgggccag gaccaagcct ccgccctcag aatgtgacaa gctggaggga gggcggtggg      420
cgacacataa tttctgccac gtctctgagc acctcccaa ctgagctggg cagcaggaac      480
tcgagtacgg gagatggagc cccctcctcg gcatgtacca gcgattctaa ggacccctct      540
ctccgcccgg ctcagcctgt ccgaaaaggg gcttcacagt tcatgggaaa tgtataccac      600
ccacctacat accatgacat gcttctctgt tttatgtgtt cgccgaagtc atcagaaaac      660
cagggtagag tggaaacgag ctcttttccc cttcctcagc tccgccttga acctcgagtt      720
ccttttagac agttccagat gaatgaccaa gacggaaaag aaaacaggct gggattgtct      780
cgcccactcc gccactaag gcagctggtg gagcgggcac cacggccac cattatcaat      840
gcggaaaacc tgaaggcct tgacgatctg gacgccgatg ccgatgatgg ctgggcaggc      900
ctccatgaag aagtggacta ttctgagaaa ctgaagttca gtgatgatga agaggaggaa      960
gaagttgtga aggacggcag gccaaagtgg aacagttggg accctaggag gcagcggcag     1020
ttgtcaatga gctctgcaga cagtgcggac gctaagcggg ctcgagagga agggaaggac     1080
tggtgctgaag cagtgggtgc gtcccgtgtg gtccgaaagg cgccacctc cccacgccct     1140
cccctccctt gctgcagggg ctctggagag aaacaataaa gagattcaca cacaaaaaaa     1200
aaa                                                1203

```

```

<210> 1937
<211> 1325
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1326)
<223> n = a,t,c or g

```

<220>
 <221> misc_feature
 <222> (3)...(1328)
 <223> similar to gil944455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1937

ccaggaagcc	cactgtaatt	cgaattccag	ccaaaccagg	aaaatgttta	catgaggatc	60
cacaaagtcc	acctcctctc	cctgctgaaa	aacctattgg	aaacactttc	agtacagtat	120
ctggaaagct	cagtaatggt	gagagaacta	gaaacttgga	atccaaccac	ccaggtcaaa	180
caggagggtt	tgtgcgagta	cccccaaggt	tgccaccgag	acctgtgaat	ggaaaaacca	240
ttccaactca	acagcctcca	accaaggtgc	cccctgagag	accacctccc	ccaaagcttt	300
ctgcaaccag	aagatcta	aagaaactgc	cttttaatcg	atcctcttct	gacatggatc	360
ttcagaaaaa	acaaagtaac	ttggcaactg	gactctcaaa	agccaagagt	caagttttta	420
aaaatcaaga	tccggtgcta	ccccctcgtc	ccaaaccagg	acaccctctc	tacagtaa	480
acatgctgtc	tgtgcctcat	ggaattgcca	atgaagatat	tgtctctcaa	aaccccgagg	540
aactctcttg	taagcgtggg	gatgtacttg	tgatgctgaa	gcagacggaa	aataattact	600
tggagtgcc	aaagggagaa	gacactggca	gagttcacct	gtctcaa	aatg	660
ctccacttga	tgaacatctt	agaagcagac	caaaccctt	ttctccccct	aaggntccaa	720
gccacgctca	gaagcctgtt	gacagtgggtg	ctcctcatgc	tgtcgttctt	catgatttcc	780
cagcagagca	agttgatgat	ttgaacctca	cttctggaga	aattgtttat	cttctggaga	840
agatagatac	agattggtac	agagggaa	act	gtagaaacca	gattggcata	900
actatgtcaa	agtgattatt	gatatcccag	aaggaggaaa	tgaggaaaaga	gaatgtgttt	960
catctcattg	tgttaaaggc	tcaagatgtg	ttgctcgggt	tgaatatatt	ggagagcaga	1020
aggatgagtt	gagtttctca	gagggagaaa	ttattattct	taaagagtat	gtgaatgagg	1080
aatgggccag	aggagaagtt	cgaggcagaa	ctgggatttt	ccccctgaac	tttgtggagc	1140
ctggtgagga	ttatcccacc	tctggtgcaa	atgttttaag	cacaaaggta	ccactgaaaa	1200
ccaaaaaaga	agattctggc	tcaaactctc	aggttaacag	tcttccggca	gaatggtgtg	1260
aagctcttca	cagttttaca	gcagagacca	gtgatgactt	atcattcaag	aggggagacc	1320
ggatc						1325

<210> 1938
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (62)...(724)
 <223> similar to gi3873789 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1938

cgacccacgc	gtccgagcga	gactccgtgg	gcgtatgacc	ctccgagcca	gtctatTTTT	60
caggagcatt	gaactgacca	gttatgttta	tatctgggag	aactacaggc	tgttcaattt	120
gccttgggat	tctccatgga	cttggtattc	agccttctta	ggagttgact	ttggctacta	180
ctggttccat	cgtatggctc	atgaagttaa	tattatgtgg	gccggacacc	aaacacatca	240

tagttctgaa	gactataact	tatccacagc	actgagacag	tctgtcctcc	agatatatac	300
ttcctggatt	ttctactctc	ccctggccct	cttcataccc	ccttcagtat	atgctgttca	360
tcttcaattc	aatcttcttt	accaattttg	gatccataca	gaggtcacat	ataaccttgg	420
tcctttggaa	ctgattctta	atactcgtag	ccatcatagg	gttcatgatg	gcagaaatcg	480
ttattgcata	gacaaaaaatt	atgctggtgt	tcttattatt	tgggataaaa	tttttggggac	540
atttgaagca	gaaaaatgaaa	aagttgtata	tggcttaaca	catcccatta	atacatattga	600
accaatcaaa	gtgcagttcc	atcacttatt	ttccatatgg	actacattct	gggccacacc	660
tggattcttc	aataagtttt	ctgtcatatt	taagggaccg	ggatgggggtc	caggtaaacc	720
aagacttggg	ctcagtgaag	aaattccccg				749

<210> 1939
 <211> 563
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (10)...(564)
 <223> similar to gi4324436 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1939	
agcgccaagg	gggacaaagg
gtccgcacaaa	acagcagaga
tacgccttta	agttcttcat
aagggttaacc	ggaggctgca
gagcaggagc	agatgcggaa
agggccaaga	tggacaagtc
ggagaagagt	gccttgcttg
aggaaaaagg	atgtcctgaa
ctggccgagg	cagacaatga
agcctgtact	ttgtgatgga
	cta
	60
	120
	180
	240
	300
	360
	420
	480
	540
	563

<210> 1940
 <211> 507
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(504)
 <223> similar to gi2224697 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

[illegible]

<210> 1941

<212> DNA

$\langle 220 \rangle$

 $\langle 222 \rangle \quad (1) \dots (807)$

<210> 1942

<212> DNA

1149


```

<210> 1944
<211> 876
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(877)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(867)
<223> similar to gi3878400 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1944
gggaattgaa ttacaagat ttagtcatc ttgaccacag ggacctataa cctatcattg      60
ctgctctgga atataatcag tggttcacia aactgtcctc taaggatcta aaactgtcca     120
ctgatgtctg tgaacagatc ttgaggggtg tgagtaggtc caatcgactg gaagaattgg     180
tgttggaaaa tgctggactt agaacagatt ttgcacaaaa actggccagt gctctagcac     240
ataatcccaa ctcaggactc cacacaatta accttgctgg caaccactg gaggatagag     300
gtgtgtcctc ttttaagtatt caatttgcca aactcccaa gggattaaag cacttaattt     360
tatctaaaac ccattatcan cctaaggngg tgaacagcct ttctcagtca ctcagtgccca     420
atccattgac cgctctacc cttgtccacc tcgacctctc agggaaacgtc cttcgtggag     480
atgacctctc acacatgtat aatttttttg cccagccaaa tgccattgtt catctggatt     540
tatccaatac agaattgtcc ctggacatgg tctgtggagc tcttctccgt ggatgccttc     600
aatatttagc tgtgctcaac ctctccagaa ctgtcttctc tcaccggaaa ggaaaagaag     660
tacctccatc tttcaagcaa ttttttagta gttctctggc tttgatgcac atcaaccttt     720
caggcacaaa actgtctcct gagcccttaa aagcactgtt attgggcctg gcttgtaatc     780
ataacttgaa aggggtttct ctggatctca gcaactgtga gctgagatca ggaggtgctc     840
aagtattaga aggttgcat ggctgaaata cacaac                                876

```

```

<210> 1945
<211> 1080
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (249)...(1083)
<223> similar to gi37261 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1945
cctctactgc agcttcatca tcagattctt ctttctgttc ttggggtgct tcttcttctc     60

```

ccatgggctc	ctcaacagtt	tcagtcttgc	tgctccatac	ataaatagga	aagtttatga	120
actgtgaata	ttttttgacg	agatttttaa	ttgtatccaa	ttcaaggtaa	tcagatgctt	180
cttcttttaa	gacaagggta	attgtcgttc	cccgtcctag	agtgtttcct	cttgggtcag	240
caattacaga	aaattcattg	gagtcagact	cccagattgg	ccagtttggt	gtcggtttct	300
attccgcctt	ccttgtagca	gataaggtta	ttgtcacttc	aaaacacaac	aacgataccc	360
agcacatctg	ggagtctgac	tccaatgaat	tttctgtaat	tgctgaccca	agaggaaaca	420
ctctaggacg	gggaacgaca	attacccttg	tcttaaaaga	agaagcatct	gattaccttg	480
aattggatac	aattaaaaat	ctcgtcaaaa	aatattcaca	gttcataaac	tttcctatgt	540
atgtatggag	cagcaagact	gaaactgttg	aggagcccat	ggaggaagaa	gaagcagcca	600
aagaagagaa	agaagaatct	gatgatgaag	ctgcagtaga	ggaagaagaa	gaagaaaaga	660
aaccaaagac	taaaaaagtt	gaaaaaactg	tctgggactg	ggaacttatg	aatgatatca	720
aaccaatatg	gcagagacca	tcaaaagaag	tagaagaaga	tgaatacaaa	gctttctaca	780
aatcattttc	aaaggaaagt	gatgacccca	tggcttatat	tcactttact	gctgaagggg	840
aagttacctt	caaatcaatt	ttatttgtag	ccacatctgc	tccacgtggt	ctgtttgacg	900
aatatggatc	taaaaagagc	gattacatta	agctctatgt	gcgccgtgta	ttcatcacag	960
acgacttcca	tgatatgatg	cctaaatacc	tcaattttgt	caagggtgtg	gtggactcag	1020
atgatctccc	cttgaatgtt	tcccgcgaga	ctcttcagca	acataaactg	cttaaggtga	1080

```

<210> 1946
<211> 397
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(199)
<223> similar to gil1545807 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 1946						
tagcgcgtct	tcccagacca	ctcccgtcct	gggtcgctcg	gctggactta	agtcacaaca	60
gattatcttt	catcaaggca	agttccatga	gccaccttca	aagccttcga	gaagtgaaac	120
tgaacaacaa	tgaattggag	accattccaa	atctgggacc	agtctcggca	aatattacac	180
ttctctcctt	cttcaggaga	gatttgatga	aaaaaattat	atgttggtat	catcttgact	240
cttgaactta	ctcccagatc	agctacaaat	ttgtcctatg	gcctgaggca	ctgaaaacac	300
gacagagctc	tgcaataatt	tccagtcaga	ccagacaacc	tagttattcc	cttttcccag	360
gtgtcccgtg	gacctatatt	attgtcaaca	acaaggc			397

```

<210> 1947
<211> 619
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (345)...(589)

```

<223> similar to gil510155 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1947

```
agaatctctg aggaaaagcg tggtttggt aactcccatg tttagaacag aaatgttagc 60
atgaacttag ttggccaatg gtcaggcact gccaagggtt ataggggtgc caacacataa 120
atgattggtg ggaacctgtg cttttgaggt cagggtcata gtttgagtcc tctgtggggc 180
tagttaaact aagttataaa cccactatgg tataaaaaat ataaaactaa aaaactgccg 240
tattattcct atatatctta ttttatttgc gtgcaaataa atatgactag atttaatttc 300
ctaacattgac tttacattga cattgaccat ttcccttgta aagcattctc cagcagttgc 360
agagggacca agcccacact gtgacaccag acaaaaagtca cttccgatca ctaaaagatg 420
cggtagacag actgctctcc taccacgtgt gccagggtgc catgcccact gaagaagact 480
tgagaaaagt ggacaatgaa tttgagacag ctgtcactca gtccttaaaa aggacccatg 540
ctatgcttaa caaatacaga cgctgtctcc tagaagatgc catggcaaaa gtcattgctac 600
tgatatttgc tctttaaaaa
```

<210> 1948

<211> 724

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (217)...(710)

<223> similar to gi2983243 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1948

```
atgacacatt tgaagcctcg aaccgcggcg gaccccgcggt gcgctcgaag ataaccaagc 60
agtcttttaa agaaaagatt tgttgccttg ccaactaata cgacctcatc gagacctctg 120
actgagtgtt gtagtgatgc aggtgactct cctttgaaac ctgtcagctg tccaaaatct 180
aaagcatcag acaagcggag tttacttcca catcacatca ggcagatata tgacgaatta 240
tttcagatac atgtgaaatt gcagtgtgaa actgcagcac aacagaaatt tgctgaagaa 300
cttcaaaagc gagaacgttt tttacttgaa agagaacaac tgcttttcag acatgaaaat 360
gccttgagta aaattaaagg tgttgaagaa gaggttctta caagatttca aattataaaa 420
gagcagcatg atgcagaagt tgaacactta accgaagttc ttaaggaaaa gaataaagaa 480
accaagagac tgaggtcctc ttttgatgca ttgaaagaat tgaatgatac cttaaaaaaa 540
cagttaaatg aagcaagtga agaaaacagg aagatagaca ttcaggctaa aagagttcaa 600
gctcgtttag ataatttaca gaggaagtac gagtttatga caatacagag attgaaagga 660
agttcccatg ctgttcatga aatgaaaagt ttaaaacaag aaaaagcacc agtttcaaaa 720
actt
```

<210> 1949

<211> 522
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (63)...(252)
 <223> similar to gi3947688 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1949
 ttggtaaaa ggctgatttt ggccatagtc ttgagttctc aagtgcgctg tgaaaaacca 60
 atgtttccat aggtccttct gtacctccct tagtgaatcc acctctgcct acaacttttc 120
 aaccaggagc tcctcatggg cccctccag ctggaggccc acccccagtg agggccctca 180
 cgccccctgac atcatcatat agagatgtac ccagccctt atttaattca gctgtcaacc 240
 aagaaggtaa gtgaaccaag aaacaaagtc aaatcctcaa gttttgactt agggtagaaa 300
 gatgaatatt agctgaattc tgtgcattaa aatcacattt tttccagaaa atctagtttt 360
 ggttagggat gggctacagg aatttacaat ttaaagttcc tcagggattt ccctttggcc 420
 atccgctggg gctgtgacta cccttgggga aaaagctctt agtggttttg ttaanttttt 480
 tgttgctatg cgggtttttt taaaaatcat ggggtattaag gc 522

<210> 1950
 <211> 466
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (63)...(184)
 <223> similar to gi606833 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1950
 ctccccatag ataccgtcgc cgcacgatcg gaatgaattc cctgggagac ccacgcgtcc 60
 gaagatacag acataggctt ttgcggcaca aattgactgt gactgacgga gaatctggag 120
 aagaaaaaaa gacaaagcct aaagagcata aagaagtcaa aggcagaaac agaagaaagg 180
 gtaagatgtt ttaattctga atgtaaagaa catattggac cagacagtgg cttatgcctg 240
 taatcctagc actttgggag gctgaggtgg gcagattgct tgagcccggg agtttaggac 300
 cagcctgggc agcatgggga agcctcatct ttatggaaaa tggaagaaat agctgggtgt 360
 ggtggtgtgc acctgtagtc ccagctactt gggaggctga ggtgggagga tcacctgagc 420
 cccggaggtc aaggctgtag tgagcagcga ttgcaccact gcattg 466

<210> 1951
 <211> 601
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(403)
 <223> similar to gi5668703 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1951
 gcatgagcca gacaatggag cttgctcgga atccacccat gatgcaagag atgatgcgga 60
 accaggaccg ggccctgagc aaccttgaga gcatccctgg aggggtataat gccctccgcc 120
 gcatgtacac ggacatccag gagcccatgt tcagtgtctgc ccgggaacag tttggcaaca 180
 atcccttctc ttccctggcc gggaactccg acagctcatc ctcccagcct ctgcggactg 240
 agaatcgaga gcccctccct aacccttgga gcccctcgcc cccacacctc caggcccccg 300
 ggtccggtgg ggagggcacc ggaggatcgg ggaccagcca ggtgcacccg acagtctcga 360
 acccctttgg gatcaatgcg gctagcctgg ggtcagggtat gtcctgggat ggaaggagct 420
 tagtggggtc accagggcag cccctctgtc ccaggactga atggggttca tactgtctcca 480
 ggattttgaa ggagaggtg agactgtcga ggccacagag ggggctctgc cgtctgggat 540
 agtggccggg tgagggctgg ttctggccat gtcctgatat ccctaggagt gaccaagta 600
 a 601

<210> 1952
 <211> 722
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (43)...(699)
 <223> similar to gi212752 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1952
 ctagagctct actcctgagg tactggaccg gcattccccg gctctgcaca agaggggttta 60
 gctggctacc acagggaggg gccccaccca gcctggccac agccagtgc cacctccac 120
 tatgcccagc accccagcgg tatgtgccgc tctcaatcct ttctggaagc tgaaccccag 180
 ctgccccagc ctccggtccg agggggaagc agccgggagg ctgtgcagag gggactgaat 240
 tcgtggcagc agcagcagca gcagcagcag cagcctcgcc cacctccacg ccagcaggaa 300
 agagcccact tggagagtct tgtagccagc agggccagcc ctacagccatt ggcagagacc 360
 cccatcccca gtctccctga gttcccgcga gcagcctccc agcaggagat tgaacagtcc 420

atcgaaacac	tcaatatgct	gatgctggac	ctggagccag	cctccgctgc	tgccccacta	480
cacaagtccc	agagtgtccc	cggggcctgg	ccaggggctt	ctccactctc	ctcccagccc	540
ctctctggat	cctcccgtca	gtcccatcca	ctgacccagt	ccagatctgg	ctatatcccc	600
agtgggcatt	cgttgggaac	ccctgagcca	gccccacggg	cctctctgga	gtctgtccct	660
cctggcaggt	cttactcacc	ttatgactat	cagccatggt	tggctggggc	taaccaggat	720
tt						722

<210> 1953
 <211> 535
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(516)
 <223> similar to gil786549 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1953						
attgtgttat	ttcttcactc	tgctggtggt	ctacatgttg	atcaactggc	taccgctact	60
tttggtggag	caaggattcc	agccatcgca	ggcggcaggg	gtgatgtttg	ccctgcaaat	120
gggggcggca	agcgggacgt	taatgttggg	cgcattgatg	gataagctgc	gtccagtaac	180
catgtcgcta	ctgatttata	gcggcatggt	agcttcgctg	ctggcgcttg	gaacggtgtc	240
gtcatttaac	ggtatgttgc	tggcgggatt	tgtcgcgggg	ttgtttgcga	caggtgggca	300
aagcgttttg	tatgccctgg	caccgttggt	ttacagttcg	cagatccgcg	caacagggtg	360
gggaacagcc	gtggcggtag	ggcgtctggg	ggctatgagc	ggtccggttac	tggccgggaa	420
aatgctggca	ttaggcactg	gcacggtcgg	cgtaatggcc	gcttctgcac	cgggtattct	480
tgttgctggg	ttggcggtgt	tgatttttgt	tgcagcagtc	aatgcagttt	ccagg	535

<210> 1954
 <211> 179
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(170)
 <223> similar to gi2429509 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1954						
tttttttcac	cccaccccca	gggggggggt	gtcccccccc	tccccctcc	catatttttt	60
ttcccccccg	agcttttttt	ttttgggggg	gtgttttccc	cttttttccc	cccccccaaa	120

aagtgttttt tccccaaagc ccccccccg tttttttttt ccccccccta aaaaaaaaa 179

<210> 1955
 <211> 3155
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1155)...(1325)
 <223> similar to gi3712831 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1955
 tttcgtacca ccaccaccac gccagcagc cagctgcagc ctctcccaac ctgactgctt 60
 cacagaagac tgtaactaca acttctatga ttaccacaaa gacactacct ctgctcttga 120
 aagcagcaac tgcgaccatg cctgcctctg tgggtgggcca gagacctacc attgctatgg 180
 tgaccgccat caacagtcag aaggctgtgc tcagcactga tgtgcaaaac acaccagtca 240
 acctccagac gtctagtaag gtcactgggc ctggggcaga ggctgtccaa attgtggcaa 300
 aaaacacagt cactctgcag gttcaggcaa cacctcctca gcccatcaaa gtaccacagt 360
 ttatcccccc tcctagactc actccacgtc caaactttct tccacagggt cgacccaagc 420
 ctgtggccca aaataacatt cctattgccc cagcaccacc tcccatgctc gcagctcctc 480
 agcttatcca gagggccgct atgttgacca agttcacccc cacaaccctt cccacatccc 540
 agaattccat ccaccccgtc cgtgtcgtca atgggcagac tgcaaccata gccaaaacgt 600
 tccccatggc ccagctcacc agcattgtga tagctactcc agggaccaga ctgctggac 660
 ctcaaactgt acagcttagc aagccaagtc ttgaaaaaca gacagttaaa tctcacacag 720
 aaacagatga gaaacaaaca gagagccgca ccatcacccc acctgctgca cccaaacca 780
 aacgggagga gaacctcag aaacttgctt tcatggtgtc tctagggttg gtaacacatg 840
 accatctaga agaaatcaa agcaagaggc aagagcgaaa aagaagaaca acagcaaatc 900
 cggctctacag tggagcagtc tttgagccag agcgtgaaga gagtgcagtg acatacctaa 960
 acagcacaat gcacctggg acccggaaga gaggtcgtcc tccaaaatac aatgcagtgc 1020
 tgggggtttg agcccttacc ccaacatccc ccaatccag tcatcctgac tcccctgaaa 1080
 atgaaaagac agagaccaca ttactttcc ctgcacctgt tcagcctgtg tccctgcccc 1140
 gccccacctc cacagacggt gatattcatg aggatttttg cagcgtttgc agaaaaagtg 1200
 gccagttact gatgtgcgac acatgttccc gtgtatatca tttggactgc ttagaccccc 1260
 ctctgaaaac aattcccaag ggcatgtgga tctgtcccag atgtcaggac cagatgctga 1320
 agaaggaaga agcaattcca tggcctggaa ctttagcaat tgttcattcc tatattgcct 1380
 acaaagcagc aaaagaagaa gagaaacaga agttacttaa atggagttca gatttaaaac 1440
 aagaacgaga acaactagag caaaagggtga aacagctcag caattccata agtaaatgca 1500
 tggaaatgaa gaacaccatc ctggcccggc agaaggagat gcacagctcc ctggagaagg 1560
 taaaacagct gattcgctc atccacggca tcgacctctc caaacctgta gactctgagg 1620
 ccactgtggg ggccatctcc aatggcccgg actgcacccc ccctgccaat gccgccacct 1680
 ccacgcccgc ccttcccccc tcctcccaga gctgcacagc gaactgtaac cagggggaag 1740
 agactaaata acagagcccc tctaggagaa gccacgggat cccggcggca aggagaacag 1800
 aacactgaag actctagaaa agcaaagccg gatttctgga aagtgcagaa ttcttttggt 1860
 tctttggttc cagagagaga gaagatgctt gtgccagggt gcaccagagt ttgccaattg 1920
 atccttctta ttctgtgtgt acatgcaaag attggaccat gttacatgaa atagtgccag 1980
 ctggagggttc tttgccagca ccatgccaaag tgaaataata tatttactct ctctattata 2040
 caccagtgtg tgctgcagc agcctccaca gccacgatgg gtttgtttct gttttcttgg 2100
 gtggggagca gggacgggcg gagggaggag agcaggtttc agatccttac ttgccgagcc 2160

gtttgttttag	gtagagaaga	caagtccaaa	gagtgtgtgg	gctttcctgt	ttctaaactt	2220
tcgctactat	aaaaccaaaa	aaaggaattg	agatttcacc	aaccccagtg	cccagaatag	2280
ggaaggggag	tggctggagg	gagcaggggg	tgggacagtg	tatcaaataa	gcagtattta	2340
atcacctctg	gcgggggcct	cgtgcaaggg	gagactgaca	ccaagaacag	ccagtagggt	2400
cttctcccct	gcactctgct	ccctgcgcgg	taaccccacc	actcctgaag	cctgcccagt	2460
ctccttcctt	ccctgcttgg	tgagtcgcgc	atctccgtgg	ttatcccgtc	gtctcctctc	2520
caagaacaag	cagagcccgg	gccactggcc	cttgcccaag	gcagggaaga	aggatgtgtg	2580
tgtccaggaa	ggaaaaaaag	gtggatcagt	gattttactt	gaaaacaagc	tccatccctt	2640
ttctatatatt	ataagaagag	aagatcttga	gtgaagcagc	acgcgaccca	ggtgtgtgtg	2700
aattgaatgg	agacgtttct	tttctctttc	tttaattttt	gtttttgttc	tttttttctt	2760
taaggaaaagt	tttatttttac	tgttcatttt	actttcttgg	taacaaaaac	taaaataagg	2820
aatagaaaag	ctgttttttc	ggctgacagt	ccaattaagg	gtagccaaga	ccttgcatgg	2880
tagagtagga	atcatagtgt	cagtgagggtc	ccgtgagtct	ttgtgagtcc	ttgtgtcatc	2940
gttcggggcac	tgttttttta	tgcaagggca	aaaatctttg	tatctgggga	aaaaaaactt	3000
ttttttaaat	taaaaaggaa	aataaaagat	attgaggtct	tcctagtgtt	acttaaatta	3060
agatcaagggt	aagaaacatt	gtaaaaaaa	attacaaaag	tgctatttgt	ttcctaaaaa	3120
cagtgatttc	tattaaaaag	gtgtcagaac	tgga			3155

<210> 1956
 <211> 691
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (25)...(689)
 <223> similar to gi3372657 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1956						
ccggaattcc	ggtaacgttt	cgtagaagac	cgaattcctt	accaagacag	agagagttac	60
agtcagcctg	catggcatca	tcgtggacct	ccacagcggg	attggaaatg	ggaaaaagat	120
ggctttaata	atactaggaa	aaacagcttt	ccacattctt	tgaggaatgg	tggtggacca	180
agaggacgtt	ccgggtggca	taaaggtgtt	gcaggaggct	cctcgacttg	gtttcacaac	240
catagtaatt	ctggaggtgg	ttggctttca	aatagtggag	cagtagattg	gaatcataat	300
ggtacaggaa	ggaattccag	ttggctttct	gaaggaacag	gtggcttttc	cagttggcat	360
atgaacaaca	gtaacggaaa	ctggaaatcc	agtgtacgta	gtacaaataa	ttggaattac	420
agtggccctg	gagacaaatt	tcaaccaggc	agaaacagaa	attctaactg	tcaaatggaa	480
gacatgacta	tgctatggaa	caagaaatct	aataagtcaa	acaaatacag	tcacgacaga	540
tataattggc	agcggcaaga	aaatgacaaa	cttggtacag	ttgccacata	tagaggtcct	600
tctgaaggat	ttacaagtga	taaatttcct	tcagaaggct	tactcgactt	caattttgag	660
cagctggaaa	gccaaaccac	taaacaagca	g			691

<210> 1957
 <211> 550
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (76)...(452)

<223> similar to gi406738 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1957

ccccgaccca	cgccgcccc	gcgccacggc	tctccccac	accgccttat	tcgggtcgag	60
accccggggc	ccccggcgcc	gcctgctgat	gagcggatct	ccggaccccc	cgccagcagc	120
gataggctag	ctatcctaga	agactatgcg	gacccgtttg	atgttcagga	gactggcgaa	180
ggctcagcag	gagcttcagg	agccccagag	aaggcccttg	aaaatgatgg	ctacatggag	240
ccctatgagg	ctcaaaagat	gatggccgag	atccggggct	ccaaggagac	agcaactcag	300
cccttgccctc	tgtatgacac	accctatgag	ccagaggagg	atggggccac	cccggaaggt	360
gagggggccc	cctggccccg	ggagtcccgc	ctgccagagg	atgatgagag	gccccctgag	420
gagtatgacc	agccctggga	gtggaagaag	gagcggatct	caaagcctt	tgcagttgac	480
attaaggtca	tcaaagacct	accttggcct	ccacctgtgg	gacagctgga	cagcagcccc	540
tccttgccctg						550

<210> 1958

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(596)

<223> similar to gi212752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1958

attgtgcccc	ttggccatcc	atcccaaaga	aggtacgtgc	attacttcag	tggcctgctc	60
tcgggtccca	tcaaaatgaa	caacaagccc	ttgtttctgc	accacgtgat	catgcacggc	120
atccccaact	ttgagtctaa	aggaggatgt	cggcgtttc	tccgcatcta	ccaggccatg	180
caacctgtgt	acacatctgg	catctacaac	atcccaggag	acagccagac	tagcgtctgc	240
atcaccatcg	agccaggact	gctcttgaag	ggagacatct	tgctgaagtg	ctaccacaag	300
aagttccgaa	gcccagccc	agacgtcatc	ttccgtgtgc	agttccacac	ctgtgccatc	360
catgacctgg	gggttgtctt	tgggaaggag	gaccttgatg	atgctttcaa	agatgatcga	420
tttccagagt	atggcaaatg	ggagtttgta	ttttcttatg	ggccagagaa	aattcaaggc	480
atggagcacc	tggagaacgg	gccgagcgtg	tctgtggact	ataacacctc	cgacccccctc	540
atccgctggg	actcctacga	caacttcagt	gggcatcgag	atgacggcat	ggaggatggg	600
aacaaacaga	ataccaatag	ccagtcaatt	ggaagcatct	cagggtggcct	ggaggatcaa	660
tatacctgga	cagacacaca	ctggccttcc	caaagttagg	ccctccaaaa	tgtcaagttg	720
ccaagccaga	atccaaagct	ttgcactgag	aacttcatgt	tggggctctg	tccccctctg	780
gagccctgcc	tgggtg					796

<210> 1959
 <211> 619
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (34)...(620)
 <223> similar to gi2224713 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1959
 gagcgccgc agcgccgtct gctcagcgcc cgggtcaata ggagccagtc cttcgcaggc 60
 gtccctcggca gccacgagcg ggggcccagg agtttcccgg tcttcagccc gccggggccc 120
 ccacggaagc cccccgcgct ctcccagagt tccaggatgt tttccgtggc tcacccagcc 180
 gccaaagtgc cgcagcccga gcggctggac ctggtgtaca cggcgctgaa gcggggcctg 240
 acggcctact tggaaagtgc ccagcaggag caagagaaac tccaggggca gataaggag 300
 tccaagagga attcccgcctt gggcttcctg tatgatctgg acaagcaagt caagtccatt 360
 gaacgcttcc tgcgacgact ggagttccat gccagcaaga tcgatgagct gtatgaggca 420
 tactgtgtcc agcggcgtct ccgggatggg gcctacaaca tgggtccgtgc ctacaccact 480
 ggggtcccgg gaagccgaga ggcccgggac agcctggcag aggccactcg ggggcatcgc 540
 gagtacacgg agagcatgtg tctgctggag agcgagctgg aggcacagct tggcgagttt 600
 catctacgaa tgaaagggg 619

<210> 1960
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (339)...(419)
 <223> similar to gi4102883 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1960
 tttcgtcggc ttcaccttgg agagccagct tttagagacc ttggagagcc agctctcaga 60
 aaatgttcac tcttctgcct gcagttcccc acctggaggg accagcacc tccactcaga 120
 cacacccatt cttcagcatc ctaccctaata ctgctgcctc aaatcccttg caccagtggt 180
 tttgtggtcc ctggcctagg ttgaaaggac ctcaggctat gcctgtccac cccattacca 240
 cagtctaaag agcagtttcc tgccatttat ctgagcatct ctgataaac caggagttcc 300
 tgtccaggga ctgagggcc tgccttgcttc cttcctagat ccaagacatc agtgtggaga 360
 cagaagacaa caaggagaag aagtcagcca aggatgccct gcttctgtgg tgccag 416

<210> 1961
 <211> 533
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (20)...(535)
 <223> similar to gi30266 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1961
 gcggtactgc gccggaattc ccgggtcgac ggctgcgaga agacgacaga agggcaagat 60
 gcggcgcatc gactgtctcc ggcaggcgga caaggtgtgg cggctggacc tggatcatggt 120
 catcctgttc aagggcattc cgctggagag caccgacggc gagcgccctgg tcaaggctgc 180
 gcagtgcggt cacccggtcc tgtgcgtgca gccgcaccac attggcgtgg ccgtcaagga 240
 gctggacctc tacctggcct atttcgtgcg tgagcgagat gcagagcaaa gcggcagtcc 300
 ccggacaggg atgggctctg accaggagga cagcaagccc atcacgctgg acacgaccga 360
 cttccaggag agctttgtca cctccggcgt gttcagcgtc actgagctca tccaagtgtc 420
 ccggacaccc gtggtgactg gaacaggacc caacttctcc ctgggggagc tgcaggggca 480
 cctggcatac gacctgaacc cagccagcac tggcctcaga agaacgctgc cca 533

<210> 1962
 <211> 477
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (91)...(475)
 <223> similar to gi8797 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1962
 ccgggtcgac gatttcgtaa tgccgtcggt ttcgaaagcg gcggcagcgg cgctgagcgg 60
 gtcccccccg cagacggaga agccgaccca ctacagcaca agtgcgcgca gcaccggccg 120
 ttacactgct tccactggca cttcctcaac cagcggcgcc gcaggcccct ccgcaggcgc 180
 gacggcacct tcaactacag ccccgacgtg tactgtctca agtacaacga agccaccggc 240
 gtgtgccccg acggcgacga gtgtccctac ctgcaccgga cgacggggga cacagaacgc 300
 aagtaccacc tgcgttacta caaacagga acctgcatcc acgagacaga cgcacgtggc 360
 cactgcgtga agaattgggt gactgtgcc ttgcgcacg gccccctgga cctgcggccg 420
 cccgtgtgtg acgtcaggga gctgcaggcc caggaagcct tgcagaacgg ccagctg 477

<210> 1963
 <211> 517
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (136)...(437)
 <223> similar to gil55625 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1963

cgatcctgct	ccggaactcc	cgggtcgacg	atttcgtgga	ggaagagctg	ccggaagtag	60
gcggtggagg	tggtagcgga	gctgacggca	gctgccaggg	aaaccgaggc	gcgggacgca	120
aggccagcag	acaggccggc	cagaggggtca	tctgcgtccg	gcacccagga	ggctcgtggt	180
ccgcctttgc	ctgggctgag	ggtctctggc	cccgcagcct	ctcttgaggg	cgggcctgtc	240
cctaagcccg	ccaaggggag	ccgcgcccag	gggctgcgga	gtgggggacg	gacgcccccg	300
acccgggaag	gggctgcccg	cggggccgga	ggagagggct	ctccccgctc	aggaggtgcc	360
cctgggcggg	ggaccgggag	tcctcaaccc	cggactgagg	caggggtctc	tgggggagag	420
gaatgcacaa	ttccctctat	ccccgtcacg	actttgttca	gatctaataa	atgctgaacg	480
ctcatgacct	tcactagtgc	atctctcaat	ccgcttg			517

<210> 1964
 <211> 879
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (5)...(857)
 <223> similar to gil212917 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1964

tttcgtggcc	atgaggagg	atggcggcac	cttgggcgta	ttctctccca	aaaagacacc	60
acacctcgtc	aacctgaacg	aggacccgct	gatgtctgag	tgctgtctct	actacatcaa	120
ggatgggatc	accagagtgg	gcaggaggga	tggcgagagg	cggcaggaca	ttgttctgag	180
tgggcacttc	atcaaggagg	agcactgcgt	cttccggagc	gactccaggg	gaggcagcga	240
agctgtggtg	accttgagag	cctgtgaggg	ggcagacacc	tacgtcaatg	gcaagaaagt	300
cacagagccc	agcatcctgc	gttcaggaaa	ccgcatcatc	atgggtaaga	gccatgtggt	360
ccggttcaac	caccccagag	aggcccggca	ggagcgtgag	cgcacgcctt	gtgcggagac	420
gccagctgag	cctgtggact	gggccttcgc	ccagcgtgag	ctgctggaga	agcagggcac	480

cgacatgaag	caggagatgg	agcagaggct	ccaggaactg	gaggaccagt	accgccgcga	540
gcgggaggag	gccacctacc	tgctggagca	gcagcggctg	gactatgaga	gcaagctgga	600
ggctctgcag	aagcagatgg	actccaggta	ctaccgcgag	gtgaacgagg	aggaggagga	660
gcccagaggat	gaagtccagt	ggacagagcg	ggagtgtgag	ctggcgctct	gggccttccg	720
gaagtggaag	tggatccagt	tcacgtctct	gcgggacctg	ctgtggggca	acgccatctt	780
cctcaaggag	gccaatgcca	tcagcgtgga	gctgaaaaag	aaggtacaat	tccagtttgt	840
cctcctgacg	gaccctcgtg	ccaagcttgg	cgtagtcag			879

<210> 1965
 <211> 749
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (84)...(605)
 <223> similar to gi309241 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1965						
tttcgtgcgg	ctcggcgctc	cgggcctggc	gttgtggcgc	cgcagccctt	gccaccttcc	60
ctgcacctgc	cctgcccggc	ctcatgtacc	gcgcgctgta	cgcgttccgc	tcggcggagc	120
ccaacgcgct	ggcgttcgcc	gcgggcgaga	ccttcctggt	gctagagcga	agcagcgcg	180
actggtggct	ggccgcgcgg	gcgcgcagtg	gtgagacggg	ctacgtgccg	ccagcctacc	240
tgcgcgcgct	gcagggcctg	gagcaggatg	tcctccaggc	cattgaccgg	gccatcgagg	300
ctgtacacaa	cacagccatg	cgggatgggtg	gcaagtacag	cctggaacag	cgtggagtcc	360
tccagaagct	gatccaccac	cggaaagaga	ccctgtcacg	cagaggccct	tcagcctcca	420
gtgttgacgt	tatgacctca	tcaaccagtg	accaccactt	ggatgctgct	gcagccaggc	480
agcccaatgg	ggtgtgtcga	gctgggttcg	agcggcagca	cagcctaccc	agttctgagc	540
atcttggggc	agatggaggc	ctcttccaga	tcccacttcc	atcttccag	atccaccac	600
agcctcgccg	agcagcacc	accacaccgc	ccccaccagt	gaagcgccga	gaccgcgagg	660
ccctgatggc	ctctgggagt	ggtggccaca	acaccatgcc	ctccgggggt	aactctgtgt	720
ccagcggctc	ctcagtcagc	agttgtatt				749

<210> 1966
 <211> 570
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (37)...(568)
 <223> similar to gi2047300 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 1966
agataccccc ccgaattccc ggggtcgacga tttcgtgagc cctgtggccc ggggaggggc 60
atctgcatga acaccggcgg ctccataaat tgccactgca accgcggcta ccgcctgcac 120
gtgggcgccg gggggcgctc gtgcgtggac ctgaacgaat gcgccaagcc ccacctgtgc 180
ggcgacggcg gcttctgcat caactttccc ggctactaca agtgcaactg ctaccccggc 240
taccggtcga aagcctcctg gcctcctgtg tgcgaagaca tcgacgagtg ccgggaccca 300
agctcttgcc cgcatggcaa atgcgagaac aagcccggga gcttcaagtg catcgctgt 360
cagcctggct accgcagcca gggggcgggg gcctgtcgcg acgtgaacga gtgcgcccag 420
ggcagcccct gctcgccctg ctggtgcgag aacctcccgg gctccttccg ctgcacctgt 480
gcccagggct acgcgcccgc gcccgacggc cgcagttgct tggatgtgga cgagtgtgag 540
gctggggacg tgtgtgacaa tggcatgtat 570

```

```

<210> 1967
<211> 889
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (132)...(412)
<223> similar to gi3877493 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 1967
atgggcctgt ctgtggcggt ggtctgtccg tggcgtgggc cgggtccgtgg cgtggggccgg 60
tccacagtgt ggggtggagg gtgacgtgctg cactgcatgg tgctgagctg ccctgcctct 120
ctggggcagc caccgtggag cgggagatgg agctgcggca caagaatgag atgctgcgag 180
tggagaccga ggcccgggcg cgcgccaagg ccgagcggga gaatgcagac atcatccgcg 240
agcagatccg cctgaaggcg tccgagcacc gtcagaccgt cttggagtcc atcaggacgg 300
ctggcacctt gtttggggaa ggattccgtg cctttgtgac agaccgggac aaagtgcag 360
ccacggtaaa catattcata aaacagggtc ggcaggtggc tgagaggcag catgtggggg 420
cctcctggag ccccagggtc tgtccctgcc ggctctgcac agccctgtag ctctcccagc 480
acagagcaaa cccacgttgt acctgctggg ctcggtgct cctccctcct tgagctggga 540
gaaaaaaatg cagttgccag cctggggccac acggtgagac cccatctcta cgaagaataa 600
aacattagct ggggtgtgat gtggcgccct tggctcctgct actcgagagg ctgaggtagg 660
aggatcactt aagcccagga ggtttgggct gcagtgcgac aacattgcac cactgcactc 720
cattcttggc gagagaataa gaccttgtct caagaaaaaa atggccaggc ggtagtggct 780
caggcctgta atcccagcat tttcggaggc ggaggtgggc ggatcgcgag gtccggagat 840
cgagatcatc cttggtaaga agtgaaaccc tgtctctact aaaaaaaag 889

```

```

<210> 1968
<211> 898
<212> DNA
<213> Homo sapiens

```


<220>
 <221> misc_feature
 <222> (297)...(775)
 <223> similar to gi5901818 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1968

agtgtatttta	atttgtgctg	aatacagcat	cttaaaatat	gaattttgtt	caccaacact	60
tgcaaatcaa	gagatgtaca	ttgatctgga	tttcccactt	aggggaaaga	aatcagatga	120
tctggcaaca	taaactatat	tcccacacag	tggctggagc	tctaatagaa	gctgcaaaat	180
caaagataca	tcagtacaaa	gtacgagctt	atatccaaat	gaagtctctg	aaagcatgta	240
aaagggaaat	caagtcagtc	atgaatacag	ctggaaattc	cgcaccctct	ctctttctta	300
aaagcaattt	tgagtactta	agaggtaatt	atcgaaaagc	cgtgaagcta	ttaaatagtt	360
caaacattgc	tgagcatcca	ggattcatga	aaacagggtga	atgcttgaga	tgcatgttct	420
ggaataacct	tggttgcatc	cattttgcca	tgagcaagca	caatttgga	atattctact	480
ttaaaaaggc	tctgcaagag	aatgacaatg	tctgtgcaca	gctcagtgca	ggtagcactg	540
atccaggtaa	aaaattttca	ggaagaccca	tgtgtacgtt	actaaccaat	aagagatatg	600
agttgctgta	taactgtgga	attcagcttc	ttcacattgg	aaggcctctt	gctgccttcg	660
aatgtctgat	tgaagctgtt	caggtttatc	atgcaaatcc	tcgcctctgg	ctacggctgg	720
ctgaatgctg	cattgctgcc	aataagggga	cttctgaaca	agaaactaaa	ggccttccca	780
gcaaaaaagg	aattgtacag	tctattgttg	gtcaaggcta	tcatcgtaaa	atagttttgg	840
catcacagtc	tatacagaat	actgtttata	atgatgggca	gtcttcggcc	attcctgt	898

<210> 1969
 <211> 562
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (22)...(563)
 <223> similar to gi258856 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1969

caattttttt	ctcttttctt	aaggatatcag	atacacaccg	gacttcaaca	ttctatcata	60
agacctaccc	aaccaactg	tttacctctg	gacaatgcca	ccctacctca	gaaactgaag	120
gaggttggat	attcaacgca	tatggtcgga	aaatggcact	tgggttttta	cagaaaagaa	180
tgcatgccca	ccagaagagg	atttgatacc	ttttttgggt	cccttttggg	aagtggggat	240
tactatacac	actacaaatg	tgacagtcct	gggatgtgtg	gctatgactt	gtatgaaaac	300
gacaatgctg	cctgggacta	tgacaatggc	atatactcca	cacagatgta	cactcagaga	360
gtacagcaaa	tcttagcttc	ccataacccc	acaaagccta	tattttttata	tattgcctat	420
caagctgttc	attcaccact	gcaagctcct	ggcagggtatt	tcgaacacta	ccgatccatt	480
atcaacataa	acaggaggag	atatgctgcc	atgctttcct	gcttagatga	agcaatcaac	540
aacgtgacat	tggctctaaa	ag				562

<210> 1970
 <211> 2171
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (180)...(509)
 <223> similar to gi3979817 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1970
 cacgcgtccg gaaaggaaga ggcggtgaga ggctgcaaag ccccttgctg gttccgcaga 60
 aaccagaaag acctccctt ccaccaagc ctcagttcct aaactcagg gcatatcctc 120
 aaaaacctct tagaaatcag ggagtggtga ggacactgtc cagctctgcc caagaggaca 180
 tcatccggtg gtttaaagag gagcagctac cacttcgagc gggctaccag aaaacctcag 240
 acaccatagc cccctgggtc catggaattc tcacactcaa gaaagcaaat gaacttcttc 300
 tgagcacagg catgcccggc agttttctca tccgagtcag tgaaaggatc aaaggctatg 360
 ccctgtccta tctgtcggag gacggctgta aacatttcct catcgatgcc tctgcagacg 420
 cctacagctt cctgggcgtg gaccagctac agcatgccac cttggcggat ttggtggaat 480
 atcacaagga ggaacccatc acttccctgg ggaaggagct ctttctctat ccctgtggtc 540
 agcaggacca gctgcctgac tacctggagc tgtttgagtg acagcctcca tcagggtcat 600
 cctacagcct ccaagcgggc tttccctggg acaaatgcc ctgcaacatt tatgtgtgaa 660
 gccaaaatca cctgcagca gagccaatac tgatcaactg aaagtatcca tggagtcttc 720
 attgacacct cttttctgca caaatactgg aattcaatgt caagagaaaa tgacctctgc 780
 tcaaaaggga gaagagtctc aatttcagca agtacctgtc atgaagggtg tgaccttaat 840
 gatgtacata aaataaaaca aatgaagaaa tggaaaactt ttagaaatta aggtgtactt 900
 gaaaacgagt atctatcata tgaccctgc actccctctg tatcatctca ggaggtttca 960
 ggggcctgtt gacatgaagt ttcgaaagttt catgttggtt ttggaatggt agcaaaagcc 1020
 tttcctggct gagatgatgc ttaaaacaca cctcacttat tgtacatgtt ggaaccagga 1080
 catgagagac atagaaaaac agaagtcagc aatgtaaatt gaatgagagg cttaacatgc 1140
 atgaaaatac agatggacct gcaggaaagt gagcaaacat cgctgagttt gttttcttgt 1200
 tcggggagaat gggggccggg ctggcctggc cccccctgga tatactctat agtgcaccaa 1260
 aaggataaag catctgtaca tgtatttttt tattttttat cagaagtgtc tagacaagaa 1320
 cagaataagc aggtgttttg gatgctactt gtggttgaat tgtgttcccc caaaatatat 1380
 ggtgaagtct taacccccat ccccgatgaat gggaccttgt ttggaaatag ggtctttgca 1440
 gatatagtca agatgaggtc acattggatt aggttgggccc caaatccaa tgactggcat 1500
 ccttaggaga agagagagtt ttggtaatag acacaaatgc agtgggaaga agaccagggg 1560
 acaagaggca agttggagtg atgcagccgg aagggaaggg acaccaagga tctccggcca 1620
 ccagcagaag ccagcagaga ggcattgggac aggttcccc caagccttag aaggaagcat 1680
 ggccctgact tcagaattcc agactccaga actggaagaa taaatgtctg ttgttttaag 1740
 ctgcttagtt catgctgagt tcatgctgac ttgttactat agccccagaa agctaataca 1800
 gtcgtttatg taattacata acctgacaca caagatcgac ccattcactg ctgcccagtc 1860
 caccattttc ataataaggt agaaatggga ggtaagaaaa acattccagc cagttctgtt 1920
 tagccctggg acacatattt gtcccgtcag gaatcttatg ccctcctgga acccccgcgc 1980
 acctcagtc agtcccagtc aggcgaacgg cctctggaca gggactgagg tggctttgag 2040
 cactggaga tcatttttct tggaggatgg agattggcta gtacctctgg cctaactgtg 2100
 taggtcaata ctcttttaca ttgccttcta ataaaagcag aatgatacag cagtgttggt 2160
 aaaaaaaaaa a 2171

<210> 1971
 <211> 570
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (162)...(558)
 <223> similar to gi3329623 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1971
 cccgggagac cagcggtccg aaaaatgaag tccaggacta tgtcagtgtga gaatacctgt 60
 ctccccacat ggggtggaact gatcctttca agtgtagcta tgcaccacta gtagatgatg 120
 acttccagac cccactgtgt gagaatgggc ctattaccag tgaggatgaa acttcaagta 180
 aagaagacat agaaagtgat ggcaaagaaa cattggaaac aatttctaata gaagaacaaa 240
 cacctcttct taaaaagatt aacccaaccg aatctacttc caaagcagaa gaaaatgaaa 300
 aagttgattc aaaagtgaaa gctttcaaga aaccattgag tgtattttaa ggcccccttac 360
 tacacatcag cccagcagaa gaactgtact ttggaagtac agaatccgga gagaagaaaa 420
 ccttaatagt gttgacaaat gtaactaaaa atatagtggc atttaagggtg agaacaacag 480
 ctccagaaaa atacagagtc aagccaagca atagcagctg tgacccgggt gcatcagtgg 540
 atatagttgt gtctcccat gggggtttaa 570

<210> 1972
 <211> 639
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (43)...(550)
 <223> similar to gi296908 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1972
 tttgcactcg tgagcaattc ggcaagagct tccgagtgtc atagtaaaca agaactggag 60
 gctgatgtca gccataaaga aaccaaaggg aaactcgtag aagcagaaaa ttctaagtca 120
 aaaagaaaga aaccaaata gtaattcaaaa aatctggaga agaccaatag gaagtcagaa 180
 gaacttagca aaagaaacaa ctcttctggg ataaagctag attcttccaa agattctgga 240
 actgaagaca tgctttggac agaaaagtat caacctcaga ctgccagtga acttatagga 300
 aatgagttag ctataaaaaa gttacatagt tgggtgaaag actggaaaag aagagctgaa 360
 ttggaagaaa ggcagaatct gaagggaaaa agagatgaga aacatgaaga tttctcgggt 420
 ggcatagact ttaaaggcag ttcagatgat gaagaagaga gtcgtctttg caatactgtc 480

cttataacag	ggccaacagg	agtgggaaaa	actgctgcag	tgtatgcttg	tgcccaggag	540
cttggattta	aggttagtaa	cagctatgat	gagagaatgt	taatgtaata	attacccttg	600
gattaaaagg	aaacataaac	cattctccct	tcgtttttt			639

<210> 1973
 <211> 2095
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (267)...(1642)
 <223> similar to gi9916 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400>	1973					
ggggaagtct	ggagaaggca	ttgtttcaat	tattaaaagt	gtgggggcag	tgggcggaac	60
aaacgcgccg	actacagagg	ctggacgtaa	gcttatcggg	ggcgcgcgtg	cgcagcgccg	120
gcccagagtg	ccaaaacaaa	ggggatttgg	tgatggaggc	tttgttagaa	ggaatacaaa	180
atcgagggca	tgggtggggg	tttttgacat	cttgtgaagc	agaactacag	gagctcatga	240
aacagattga	cataatggtg	gctcataaaa	aatctgaatg	ggaaggacgt	acacatgctc	300
tagaaaacttg	cttgaaaatc	cgtgaacagg	aacttaagag	tcttaggagt	cagttggatg	360
tgacacataa	ggagggttga	atgttgcac	agcaggtaga	agaacatgaa	aaaatcaagc	420
aagagatgac	catggaatat	aagcaggagt	tgaagaaact	acatgaagaa	ttatgcatac	480
tgaagagaag	ctatgaaaag	cttcagaaaa	agcaaatgag	ggaattcaga	ggaaatacca	540
aaaatcacag	ggaagatcgg	tctgaaattg	agaggttaac	tgcaaaaata	gaggaattcc	600
gtcagaaatc	gctggactgg	gagaagcaac	gcttgattta	tcagcaacag	gtatcttcac	660
tggaggcaca	aagggaaggct	ctggctgaac	aatcagagat	aattcaggct	cagcttgtca	720
atcggaacaa	gaaattagag	tctgtggaac	tttctagcca	atcagaaatt	caacacttaa	780
gcagtaaact	ggagcgggct	aatgacacta	tctgtgccaa	tgagttggaa	atagagcgcc	840
tcaccatgag	ggtcaatgac	ttggttggaa	ccagtatgac	tgtcctacag	gagcagcagc	900
aaaaagaaga	aaaattgagg	gaatctgaaa	aactattaga	ggctctgcag	gaagaaaaga	960
gagaattgaa	ggcagctctt	cagtctcaag	aaaatctcat	acatgaggcc	agaatacaaa	1020
aggagaagtt	acaagaaaaa	gtaaaggcaa	ctaacactca	acatgctgta	gaagctataa	1080
gttttgaatc	tgtgagtgca	acgtgtaaac	agctgagcca	agaactaatg	gaaaaatatg	1140
agaactgaa	gaggatggaa	gcacataaca	atgaatacaa	agcagagatt	aagaagttga	1200
agaacagat	tttacagggt	gaacaaagtt	acagttctgc	actagaagga	atgaagatgg	1260
aaatctccca	tctaactcag	gagttacatc	agcgagatat	cactattgct	tccaccaaag	1320
gttcttcttc	agacatggaa	aagcgactca	gagcagagat	gcaaaaggca	gaagacaaag	1380
cagtagagca	taaggagatt	ttggatcagc	tggagtcact	caaattagaa	aatcgtcatc	1440
tttctgaaat	ggtgatgaaa	ttggaattgg	gtttacatga	gtgttccttg	cctgtatctc	1500
cccttggttc	aatagctacc	agatttttgg	aagaggagga	actgaggtct	catcacattc	1560
tagagcgctt	ggatgcccat	attgaagaac	taaaaagaga	gagtgaagag	acagtggagc	1620
aattcacagc	cttaaagtag	cctcttaaaa	aaatcacaat	cttggaataa	aaaataaaca	1680
ccaaagagtt	actgtcatct	gaagtagcag	ctcttttaaa	acatgaagag	ataaaattat	1740
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atcttctctg	cactgggtttt	tttaaaggac	ttcttccagc	aataagttga	aagaataaac	1860
cacttttgcta	gacttttttc	tcatacgaat	atcttattatc	ataaagtgat	acttaccttg	1920
ctgacttaaa	tgtgaatagc	tatgtactaa	ttgaaataag	gatttttatga	tacatgttga	1980
aaataaagta	actgcaggaa	ctttcttttag	gggaaatgtg	tagaagcatg	gatttagggg	2040

tcaaacatac ctggatcgat agactggttt tgccacttac cagccaacgg ggctt 2095

<210> 1974
 <211> 469
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (44)...(468)
 <223> similar to gi414115 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1974
 attgacccgc cctgaattgt cccccgctgc aggaattcgg caccagaaag aaagaaagac 60
 caagctccaa tatgaaaaac agatggagga aagacagaga aagctgaagg agcgaaaaga 120
 gaaagaagaa caacggagaa tagctgcaga agaaaaaaga caccagaagg atgaagcaca 180
 aaaggaaaaa tttacagcca ttctttatcg tactttggaa cggaggagac ttgctgatga 240
 ttatcagcaa aaaagatggg catggggagg ctctgcaatg gcgaattctg agagcaaaac 300
 tgccaataaa cgatctgcat ctactgaaaa acttgaacag ggtacttctg ctttaatcag 360
 acaaatgcct ttgtcatctg caggccttca aaattccgtt gccaaaagga aaacagacaa 420
 ggagagaagc tcatctttaa atagaagaga tagtaaccta cattcgtct 469

<210> 1975
 <211> 467
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (50)...(469)
 <223> similar to gi3873679 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1975
 ggggtttcata gatcgtcgtg ggcattccgc acgaggcgag aggtactacg tgcccgaagg 60
 agagtgtcgc ccagtgtgtg aagatccagt gtatcctttt aataatcccg ctggctgcta 120
 tgccaatggc ctgatccttg cccacggaga ccggtggcgg gaagacgact gcacattctg 180
 ccagtgcgtc aacgggtgaac gccactgcgt tgcgaccgtc tgcggacaga cctgcacaaa 240
 ccctgtgaaa gtgcctgggg agtggtgccc tgtgtgcgaa gaaccaacca tcatcacagt 300
 tgatccacct gcatgtgggg agttatcaaa ctgcactctg acagggaagg actgcattaa 360
 tggtttcaaa cgcgatcaca atggttgtcg gacctgtcag tgcataaaca ccgaggaact 420
 atgttcagaa cgtaaacaag gctgcacctt gaactgtccc ttcggtt 467

gaaaaactca	cacgagggag	aagccctttg	catgtgtggt	ttgcggaaaa	tatttttagaa	540
attcctcatg	ccttaataat	catgttcgaa	ttcacactgg	aataaaaccc	tatacatgca	600
gctactgtgg	gaaggccttc	actgtgcgct	gtggccttac	tagacacgta	cgaacacaca	660
cgggcgagaa	gccatacacg	tgtaaggact	gcgggaaagc	cttctgtaca	tcctcggggc	720
ttactgagca	tgtaaggact	cacactggag	agaaaccata	tgaatgtaaa	gattgtggga	780
aatccttcac	tgtttcttca	agcctgactg	agcacgcaag	aatccatacc	ggagagaaaac	840
cctacgaatg	taagcagtgt	ggcaaagcct				870

<210> 1978
 <211> 473
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(476)
 <223> similar to gi5410330 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1978						
ccgcgctgca	ggaattcggc	acgagagata	gtgtgtatgg	actagaactg	caccgcgata	60
agagagtttt	agcgctagag	atccttcctg	agagagtgcc	aactcctcgt	atcgattcac	120
gactggcaga	ttccctgatt	ggcaaggcag	tggagcatgt	gtttgaagggt	gaacatggta	180
ccaaggatga	atggaagggt	atggtcctgg	cgcgagctcc	tgtgatggat	acttggtttt	240
acatcaccta	cgagaaaagat	cctgttctct	atatgtacac	gctgcttgat	gactacaaag	300
atggtgactt	acgcattatt	ccagattcca	actactat	ccctacagca	gaacaggagc	360
ctggagaggt	ggtcgacagt	ctcgtgggca	agcaggtgga	gcatgccaaa	gatgacgggt	420
ccaagagaac	tggcattttt	atacatcaag	tgggtggcgaa	gccatctgtt	tac	473

<210> 1979
 <211> 860
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (62)...(862)
 <223> similar to gi3184082 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1979						
ggaattcctg	ttggaagaat	ttagacaaac	tcagcaagtt	cctccaaaca	aaatagatta	60
tgaatatagt	gaattgatat	tataccagaa	tcaagtgatg	agagaggcag	atctgttgca	120

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ggaatctttg gaacatatag aaatgtatga gaaacaaata tgtgataaac ttttggtgga 180
agaaattaaa ggggaaatac tgttgaaatt gggaagatta aaagaagcca gtgaagtgtt 240
caaaaacttg attgatcgaa atgcagaaaa ctggtgttat tatgaaggct tggaaaaagc 300
tctacaaatt agcacttttag aagagaggct tcaaatttat gaagaaatta gtaagcagca 360
cccaaagca attacacca gaagattacc tttgactcct gtcccagggtg aaagatttag 420
agaactaatg gataagttcc tgagggttaa cttcagtaaa ggctgcccac ccttgtttac 480
tactttgaaa tctttatatt acaatacaga aaaggtttct ataatccagg aacttgttac 540
taattatgaa gcctctctta aaacgtgtga ctttttttagc ccatatgaga atggggagaa 600
ggaacccccg acaacactac tctgggttca gtatttcctg gcacagcact ttgataaaact 660
tggaacagtat tctttggctt tggattatat taatgctgca attgctagta ctccaactct 720
aatagaatta ttctatatga aagcaaaaat ttacaagcat ataggtaatc tcaaagaagc 780
tgcaaagtgg atggatgaag cacagtcttt ggacacagct gatagattca tcaattccaa 840
atgtgcaaaa tacatgcttc                                     860

```

```

<210> 1980
<211> 637
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (37)...(425)
<223> similar to gil255796 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1980
gtgcttcagt tgctgcactc cacgagcgac gtggtgcggc agtacatggc caggctcatc 60
aatgcttttg cgtcactggc agaaggctgc ctctaccttg cccagaacac aaagggtgctg 120
cagatgctgg agggaaggct gaaggaggag gacaaggata tcatcaccag ggagaatggt 180
cttgggggccc tgcagaagtt cagtctcagg cgcccgctgc agacagcgat gattcaagac 240
ggcctcatct tctggctggg tgatgttctg aaggaccctg actgcctgtc tgactacacg 300
ctggagtact cgggtggcttt gctcatgaac ctctgcctcc gcagcacagg gaagaacatg 360
tgtgccaagg tggcaggcct cgtgctcaaa gtcctttcgg atcttcttgg ccatgaaaac 420
catgagggtac tcattcagca ctgctggccc tgggctcggg gaggctacac tggggaccca 480
atgcctgtga cccacagggc acacagctgg cccaggatgg ttgctgtatt tgaaaactgt 540
acatgttctc tgtccttctg ggattttcat aagcaactgg aaatctttta taatttttag 600
aattttgga gtcagaagca ggatgttctt tccgtcc                                     637

```

```

<210> 1981
<211> 872
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(736)

```


<223> similar to gi5524741 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1981

gcgggggaat	tccacgtcac	tggatctgag	ctggaataac	ttccacacaa	ggggagctgt	60
ggccttgtgc	aatggtctcc	ggggtaatgt	gaccctgaca	aagctggatc	tctccatgaa	120
tggctttggg	aatgaggtgg	ctctggccct	aggggaagtc	ctccgactca	accgctgcct	180
ggtctacctg	gatacggtg	gcaatgacat	cggcaatgaa	ggggcctcca	aaatcagcaa	240
aggactggaa	tccaatgaaa	gcctcagagt	tctgaagctt	ttcctgaatc	ccataaatat	300
ggatggggct	atcttactta	tcctggctat	caagaggaac	cccaaataca	ggatggaaga	360
gcttgatatt	tccaacgtgc	tgggtgtccga	gcagttcatg	aaaacgttgg	acggagtgtg	420
tgccgttcac	ccgcagctgg	acgtgggtatt	caaggcagta	caaggcctct	ctcccaagaa	480
aaccatcttc	ttgttgacaa	accccatgaa	actgatccag	agctatgcag	accaacacaa	540
aatcacgata	gtggacttct	tcaagagctt	gaaccctact	gggacaatga	agatgtctgt	600
ggatgagttc	cagaaagcga	tgatagagca	aaacaaggtc	cccctgaacc	agtaccaggt	660
cagggaggtg	ataaagaagc	tcgatgagaa	gacaggcatg	gtgaacttca	gtttcttgaa	720
cacgatgaag	ccatagcaac	aagtctggtc	tagaaagaag	tctcggcgag	aggagtcctc	780
gcaagtcgga	tgggtggcagg	gaggagagca	agaggtggct	gaaatctcga	tggacagatc	840
ctgtggcagg	ggctgggcac	aagcaaataa	ag			872

<210> 1982

<211> 620

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(621)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (24)...(620)

<223> similar to gill127843 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1982

attggagact	tgtagaccgt	gcggtggaat	tccatgaaaa	aattcatgga	ggaggaaaaa	60
cctttgattt	taaagaatgt	gggcaggttt	tgaaccccaa	aatatcccat	aatgaacaac	120
agagaattcc	ttttgaagag	agtcaatata	aatgtagtga	aacctctcat	agttcctccc	180
ttactcaaaa	catgagaaat	aattctgaag	agaaaccttt	tgaatgtaat	cagtgtggga	240
aatccttcag	ctggagctcg	catcttggtg	cacatcagag	aactcacaca	ggggagaaac	300
cttatgaatg	tagtgaatgt	ggaaaatcct	tcagccggag	ctcgcacctt	gtttcccatc	360
agagaactca	tactggagag	aaaccttaca	ggtgtaatca	atgtgggaaa	tcctttagcc	420
agagttagtg	ccttggtgtg	catcaaagaa	ctcatactgg	ggagaagcct	tatgaatgca	480
atcaatgtgg	aaagtcattc	aggcagagct	ataaacttat	tgcacatcaa	agaacacata	540
ccggagagaa	gccctatgaa	tgtaatcaat	gtgggaaatc	atttatccag	agctataaac	600

<210> 1983
 <211> 1571
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(1117)
 <223> similar to gi4468913 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

05468913.012100

<400> 1983	cagttgcgat	gaatcgctgg	tagacattac	cgaaatcctt	gcagagacca	tacttactcc	60
	tgatgaattt	gcaaagctg	ttcgtatgga	aatcaaagac	cagacgaaat	gtgctgcctc	120
	tgatggaatt	ggttctaata	ttctcctggc	tagaatggca	actagaaaag	caaaaccaga	180
	tgggcagtac	cacctaaaac	cagaagaagt	agatgatttt	atcagaggcc	agctagtgc	240
	caatctacca	ggagttggac	attcaatgga	atctaagttg	gcatctttgg	caattaaaac	300
	ttgtggagac	ttgcagtata	tgaccatggc	aaaactccaa	aaagaatttg	gtcccaaaac	360
	aggtcagatg	ctttataggt	tctgccgtgg	cttggaatg	agaccagttc	gaactgaaaa	420
	ggaaagaaaa	tctgtttcag	ctgagatcaa	ctatggaata	aggtttactc	agccaaaaga	480
	ggcagaagct	tttcttctga	gtctttcaga	agaaattcaa	agaagactag	aagccactgg	540
	catgaagggt	aaacgtctaa	ctctcaaaat	catggtacga	aagcctgggg	ctcctgtaga	600
	aactgcaaaa	tttgagggcc	atggaatttg	tgataacatt	gccaggactg	taactcttga	660
	ccaggcaaca	gataatgcaa	aaataattgg	aaaggcgatg	ctaaacatgt	ttcatacaat	720
	gaaactaaat	atatcagata	tgagaggggt	tgggattcac	gtgaatcagt	tggttccaac	780
	taatctgaac	ccttccacat	gtcccagtcg	cccatcagtt	cagtcaagcc	actttcctag	840
	tgggtcatac	tctgtccgtg	atgtcttcca	agttcagaaa	gctaagaaat	ccaccgaaga	900
	ggagcacaaa	gaagtatttc	gggctgctgt	ggatctggaa	atatcatctg	cttctagaac	960
	ttgcactttc	ttgccacctt	ttcctgcaca	tctgccgacc	agtccctgata	ctaacaaggc	1020
	tgagtcttca	gggaaatgga	atgggtctaca	tactcctgtc	agtgtgcagt	cgagacttaa	1080
	cctgagtata	gagggtcccgt	caccttccca	ggtacatttt	tgtagtccta	aatataagta	1140
	cattttatac	tcctaaatat	aaatacaaaa	atacaagttt	acaaatgaaa	atggcatttt	1200
	tattttcttca	tctgtttaac	caagaaagggt	agaacggggc	acttggtttg	gtagatcatg	1260
	atgttggatt	ctaaataagc	aatatttggg	ttgagtga	gtgcttttgc	aaagatttgc	1320
	cactcttgca	agttgtaaag	catagctgaa	aggcagtcct	cctgtggact	gccattgtct	1380
	gtgacagtgg	tcatcatgca	gacttactgt	attcagcaag	gcagcttttg	tgattagtgg	1440
	tgaagtagag	gccttatgtc	gaagggtttt	tgcagtattt	gcaaacaggt	ctctggagat	1500
	ttggatgggt	taattcagcg	tgtgtgggct	gtacatgtga	tatactgctg	gtccttgaaa	1560
	gtaaggtagc	a					1571

<210> 1984
 <211> 1174
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(1031)
 <223> similar to gi2072792 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1984

ggaattcgca	ctgtcaagaa	tgagttctcc	ctcaagacct	tcaagaggaa	gtccgaggtg	60
gatcgtgctg	tcaagaggat	gcggcatctg	tccacgggca	ccatgaccgg	gctggccatc	120
cagtatgccc	tgaacatcgc	attctcagaa	gcagaggggg	cccggcccct	gaggcagaat	180
gtgccacggg	tcataatgat	cgtgacagat	gggagacctc	aggactccgt	ggccgaggtg	240
gctgctaagg	cacgggacac	gggcatccta	atctttgcca	ttggtgtggg	ccaggtagac	300
ttcaacacct	tgaagtccat	tgggagttag	cccatgagg	accatgtctt	ccttgtggcc	360
aatttcagcc	agattgagac	gctgacctcc	gtgttccaga	agaagtgtg	cacggcccac	420
atgtgcagca	ccctggagca	taactgtgcc	cacttctgca	tcaacatccc	tggtcatac	480
gtctgcaggt	gcaaacaagg	ctacattctc	aactcggatc	agacgacttg	cagaatccag	540
gatctgtgtg	ccatggagga	ccacaactgt	gagcagctct	gtgtgaatgt	gccgggctcc	600
ttcgtctgcc	agtgtacag	tggctacgcc	ctggctgagg	atgggaagag	gtgtgtggct	660
gtggactact	gtgcctcaaa	aaaccacgga	tgtgaacatg	agtgtgtaaa	tgctgatggc	720
tcctaccttt	gccagtgcc	tgaaggattt	gctcttaacc	cagataaaaa	aacgtgcaca	780
aagatagact	actgtgcctc	atctaatac	ggatgtcagc	acgagtgtgt	taacacagat	840
gattcctatt	cctgccactg	cctgaaaggc	tttaccctga	atccagataa	gaaaacctgc	900
agaaggatca	actactgtgc	actgaacaaa	ccgggctgtg	agcatgagtg	cgtcaacatg	960
gaggagagct	actactgccg	ctgccaccgt	ggctacactc	tggaccccaa	tggcaaaacc	1020
tgacgocgtg	agtgtaccct	aggggtgggg	tgctgatgga	aggtgggggc	cactcatggg	1080
ggcgggocgg	ttcactagca	accagttatt	tctggagccc	accgggtttc	ctgatgggtc	1140
ggcaggtgta	tccttcctta	tcctcagttt	catt			1174

<210> 1985
 <211> 1051
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (180)...(1054)
 <223> similar to gi4558637 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1985

gagaccttgt	cttaaaaaaa	taaaatgctg	tcagaataaa	aagcagtcaa	cagaaatgaa	60
acccttataa	gagacaaata	aatgtgggca	attattttct	gcaaaatgcc	ctccaagccc	120
ctgggcgcca	ttgccttctg	taataggaca	tcacctgaac	aggctttctg	ggctggagcc	180
aaggaccctc	cctgactccc	acctcccttt	ctgccttgta	ccccagccag	gtggaagaga	240
ccggagtggg	gctgtccctg	gagcaaacgg	agcaacactc	tcgcagaccc	attcagcggg	300
gcgccccctc	tcagaaggac	accctaacc	ctggggacag	ccttgacacc	cctggccccc	360

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ggatccttgc cttcctgcac ccgccttccc tgagcgaggc tgccctggcc gctgaccccc 420
gccgtttctg cagccctgac ctccgtcgcc tcttgggacc catcctggat ggggcttcag 480
tagcagccac tcccagcacc ccgctggcca cacggcacc ccaaagtcct ctttcggctg 540
atctcccaga tgaactacct gtgggcaccg agaatgtgca cagactcttc acctccggga 600
aagacactga ggcagtggag acagatttag atatagtctca ggatgctgat gctctggatt 660
tgagatgct ggccccctac atctccatgg atgatgactt ccagctcaac gccagcgagc 720
agctacccag ggcctaccac agacctctgg gggctgtccc ccggccccgt gctcggagct 780
tccatggcct gtcacctcca gcccttgagc cctccctgct accccgctgg gggagtgacc 840
cccggctgag ctgctccagc ccttccagag gggacccctc agcatcctct cccatggctg 900
gggctcgga gaggaccctg gccagagct caaaggacga ggacgagga gtggagctgc 960
tgggagtgag acctcccaa aggtcccca gccagaaca cgaaaacttt ctgctctttc 1020
ctctcagcct gagtctcctt ctgacaggag g 1051

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```

<210> 1986
<211> 423
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (39)...(423)
<223> similar to gi4455015 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1986
gtgaactcca agactgtttt gatgttcatg atgcatcttg ggaagagcag atattctggg 60
gatggcataa tgatgtccac atatattgaca caaagacaca gacttggttt caaccagaaa 120
ttaaagggtg agttccacca cagccacgag ccgcgcatac gtgtgcagtt cttggaaata 180
agggttatat ctttggcgga cgtgttctgc aaactaggat gaatgatttg cactatctaa 240
acctagacac ctggacttgg tctggaagga ttactattaa tggagaaagc ccaaaacatc 300
ggtcatggca tactttaaca cctatagctg atgataaact tttcctatgt ggtggactaa 360
atgcatataa tatgccatta agtgatgggt ggattcataa tgtcacaaca cattgttgga 420
aac 423

```

```

<210> 1987
<211> 452
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(455)
<223> similar to gi437444 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1987
gcggtggaat tcctcacacg ggagagaaaac cctatgcatg taaggaatgt ggaaaaccat    60
ttagtaattt ctctttcttt caaatacatg aaaggatgca cagagaagag aagccgtatg    120
aatgtaaggg ttatgggaaa acattcagtt tgcccagttt atttcataga catgaaagga    180
ctcacactgg aggaaaaacc tatgaatgca agcagtgtgg cagatccttc aactgttcga    240
gctcctttcg atatcatgga aggactcaca ctggagagaa accctatgaa tgcaagcaat    300
gtggaaaagc cttcagatct gcctcacagc ttcaaattca tggaaggact cacactggag    360
agaaacctta tgaatgtaag cagtgtggga aagccttttg atctgcctca caccttcaaa    420
tgcattggaag gactcacact ggagagaaaac cc                                452

```

```

<210> 1988
<211> 548
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (76)...(519)
<223> similar to gi2621106 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1988
gttcagccag actcctgata agagaatctg gcggccttca gccataattc ccttcggaag    60
cttttgcaaa gcctcctggc cttccaagaa gatgatattg gtgcccataat gaatgtagga    120
agaacttata aaaattttaa tagaaccaaa gaagctgaag aatcttacat gatggctaaa    180
tcaactgatgc ctcaaattat tcctggtaaa aaatatgcag ccagaattgc ccctaaccac    240
ctaaatgttt atatcaatct ggctaacctg atccgagcaa atgagtcccg actggaagaa    300
gcagatcagc tgtaccgtca agcaataagc atgaggcccg acttcaagca ggcttacatt    360
agcagaggag aattgctttt aaaaatgaat aaacctctta aagcaaagga agcatatctt    420
aaagcactag agctggacag aaataatgca gatcttttgt acaacttggc aattgtacat    480
attgaactta aagaacccaa tgaagccctg tattgcggcc gctctagagg atgcaagtnn    540
ncgaaggc                                548

```

```

<210> 1989
<211> 407
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (3)...(410)
 <223> similar to gi4519270 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1989
 gagagaagcg taatacacgt aaacaatttt ggaaaacctt cagttattgc cactcgtttc 60
 aaacccacaa aattttctcac acaggacaca aaccatagga ttgtaaggaa tgtaggaagt 120
 ccttcaattc tttgggaaac cttcaaagac acatggcagt gcagcatgga gatggacctt 180
 ataaatgtaa gttgtgtggg aaagcatttt tctggcccag tttatttcgt atgcatgaaa 240
 gaactcactc tggagagaaa ctatatgaat gtaagcagtg ttctaaagcc tttcattttt 300
 acagttctta tctaagacat gaaagaacac gtactgggga gaaactgtat gaatgtaagc 360
 agtgttctaa agccttcctt gattacagtt cttgtctaag acatgaa 407

<210> 1990
 <211> 838
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (45)...(835)
 <223> similar to gill195548 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1990
 cggacgcgtg ggaagtcctt tatgtttctg gaaattctgc tgaggatttc tttgtagatt 60
 atggcaataa gtctcatgta gatctacatc ttttgatgga gattccctgt caatttcttg 120
 aacttccttt ccaggctttg gaatttaaga tttgcaaaat gagaccatca gcaaagtctc 180
 ttgtttgtgg caagcactgg agtgacgggg ccagccagtg gtgcgctct ctggtgagcg 240
 gctgcaccct ccttgtgaag gtcttctctg tgggtgcacag cgtcctgcac gtggatgtgt 300
 accagtactc aggggtccag gatgccatca acataagaga cgtcctcatc cagcagggct 360
 atgccgagct cacggaggag tcctacgagt ccaagcaaag ccatgaagtt ctcaagggcc 420
 tcttttccaa gtcagtagaa aacatgacag atggctctgt gccctttccc atgaaagacg 480
 acgagaaata tctcatccgg attttgtag agagcttttc taccaataaa ctgggtactc 540
 caaactgtaa ggcagaactt cacgggcctt ttaaccctta tgaactaaag tgccatagtt 600
 tgaccagaat atccaaattc aggtgtgttt ggattgagaa ggagagcatc aactctgtca 660
 ttatcagtga cggccctgaa gaccttcacc agagaatgct ggttgagct tccctttcca 720
 tcaatgcgac tggatctacg atgctgctga gagaaacctc tctgatgcct catatccctg 780
 gcctcccggc tctcctcagc atgttattcg caccggtgat agagttaagg attgatca 838

<210> 1991
 <211> 1135

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1136)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (102)...(676)
<223> similar to gi3874618 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1991
ggattcgatc cccttnnnnn ntntaactga tgnncctagt ccgtgtggtg gaattcctct      60
tggacctggt ggacaggagc tggggcggct gcaggtccct gcacagcaac gaggcattcc     120
ttgctcaggc aagacacatc ttgtcatctg ttgaagaatt cacagcagct caggacagct     180
ctgcgatggt ggggtgaagat gtcggctccc tggctctgga gagtaagtcc ctgcaaagcc     240
gccttgctga gcagcagcag cagcacgccc gggagatgag cgaggtgacg gcggagctgc     300
accacgcaca caaggagctg gatgatttga gacaacattt agataaatct ttggaagaga     360
acagtagggt aaaatcgctt ttgttgagta tgaaaaagga agtgaagagt gcagacactg     420
cagccacggt aaatttgtag atcgctggac ttcaaacaag tgtgaagagg ctgtgtggcg     480
agattgtgga actgaagcag cacctggagc actacgacaa gatccaggag ctcacgcaga     540
tgctgcagga gagccacagc tccctggtca gcaccaatga acacctgctg caggagctga     600
gccaggtgcg ggcgcagcac agagccgagg tggagcagat gcaactggagc taccaggagc     660
tcaagaagac catggccctg tttccacaca gcagcgccag ccatggaggc tgccaggcct     720
gctgactcct gccgagaagc tgggccaccc cttaagcttc ctggtaaaagt tacattgtct     780
gcacctttgt acttctttat tgagtgtact ggctggcaag agttctctct tctgttggtg     840
attatttagg atttttggaa tgtattcagg acctgtagct tggttttcta aagcacctcg     900
taaaatgata tgattactcc aagcccctct gcatgttttc agacagaaca cattgacata     960
ttttgagaca aactgactat taatcttgta tccagtatcc tgagatgaag taaatgcagt    1020
gttttactgc ctgatgtgaa agagagctat gtatgataat taaagaaaat aattttctgt    1080
gtaacaagca atctttatct aataaacaata taacattggt ttgaaaaaaaa aaaaaa     1135

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```

<210> 1992
<211> 568
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(571)
<223> similar to gi2317715 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 1992

```

ggaattccct	tctctgtac	gcctccctgc	cctatgcaca	gcagctccga	gtcttccaag	60
gggccccaaa	gggctatcgc	aaagtgatca	tttcaaccaa	catcgctgaa	acctccataa	120
ccattacagg	aataaaatat	gtagttgaca	cgggcatggg	taaagcaaag	aagtataacc	180
ctgacagtgg	tcttgagggt	ttagcagtgc	agcgggtatc	gaagacgcag	gcttggcagc	240
gcacagggag	ggctggcaga	gaggacagtgc	gcatctgcta	ccggctctac	acggaggacg	300
agtttgagaa	gtttgataag	atgaccgtgc	cagagatcca	gaggtgtaac	ctggccagtgc	360
tgatgcttca	gcttctagca	atgaaagtcc	caaatgtgct	cacctttgac	ttcatgtcaa	420
agccatctcc	agatcacatt	caggcggcca	ttgcccaact	ggacctgtta	ggtgctcttg	480
aacataagga	tgaccagctt	accctgactc	caatgggaag	aaagatggca	gcatttcctt	540
tagaacccaa	atttgccaaa	accatcct				568

<210> 1993
 <211> 719
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (98)...(655)
 <223> similar to gil055065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1993						
atcgagagcc	tatcgatgtg	gggcttttct	tacagattgg	gaaatgggtg	tggggaaacc	60
gaacaattta	tgtttgctct	tgaaaactgtt	ttaggtgtgg	cctgaagtca	ctgatcctga	120
gaagttcgtg	tatgaagatg	tggctatcgc	agcataccctg	ctgattctat	gggaagaaga	180
aagggctgag	aggggactaa	ctgccaggca	gtcctttgtg	gacctgggat	gtggaaatgg	240
cctcctggtc	cacatcctga	gcagtgaggg	gcatccaggc	agagggattg	atgtccgaag	300
aagaaaaatc	tgggacatgt	atggaccaca	aactcagtta	gaggaagatg	caatcacacc	360
caatgataag	acccttttcc	ctgatgttga	ttggttaatc	ggtaaccatt	ctgatgaact	420
cacaccatgg	atacctgtca	ttgcagccag	gtcttcctac	aattgccgct	tctttgtcct	480
cccctgctgc	ttctttgact	tcattggaag	atactcccgg	aggcagagta	agaagactca	540
gtaccgggaa	taccttgact	tcattaaaga	agtgggcttc	acctgtgggt	ttcacgtgga	600
cgaagactgc	ctcaggattc	cttcaaccac	aagagtctgt	ctcgttgga	aatccagaac	660
atacccttac	tccatagaag	cttccgtgga	tgaaaagagg	actcagtaca	ttaagagcc	719

<210> 1994
 <211> 855
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (92)...(686)
 <223> similar to gi3158498 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1994

```

cgttcccggg agcgtgtctg ggtttggggg cgggagacag gctgagccgc ctgggcggcc 60
tggcctgtac ggggcggggg aggccatggc ctcggtctgag ttgcagggga agtaccagaa 120
gctggctcag gagtactcga agcttcgggc tcagaatcag gttctgaaaa aaggtgttgt 180
ggatgaacaa gcaaattctg cagctttaa gaggcaactg aaaatgaagg atcagtcatt 240
gagaaaacta caacaggaaa tggacagttt gacatttcga aatctgcagc ttgccaagag 300
ggtagaacta cttcaagatg aactagctct aagtgaacca cgaggcaaga aaaacaagaa 360
aagtggagaa tcttcttctc agttgagtca agagcagaag agtgtctttg atgaagatct 420
gcaaaagaag atagaagaga atgaacgggt gcatatacaa ttttttgaag ctgatgagca 480
gcacaagcat gtggaagcag agctgaggag tcgactggcc actctggaga cagaagcagc 540
ccagcaccaa gctgtggttg acggtctcac ccggaagtac atggaaacca ttgagaagct 600
gcagaacgac aaggctaaac tagaagtga atctcagact ctagaaaagg aagccaagga 660
atgtcgactt cgaacggaag aatgtcaatt acagttaaag actcttcattg aagatttgct 720
aggtagatta gaggaatcct tatcaatcat caatgaaaaa gtacctttta atgatacaaa 780
atatagtcag tacaacgctt tgaacgttcc actccacaat aggagacacc agctgaagat 840
gcgagatatt gctgg 855

```

<210> 1995

<211> 492

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(493)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (492)...(8)

<223> similar to gi2764748 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1995

```

tgggggggga gggtaggggn nnaattgaaa ttcgatgaca gtggngcaat tcccggcggc 60
gttcaggcac cttttggggc cgtcaggaac atctacaccc cgcggactgg ccaccgaatc 120
cggaagctag accagatcca gagcgggggc aattacgtgg ctggaggcca ggaagccttc 180
aagaaactca attacttgga cataggagaa atcaagaaaa gaccaatgga agttgttaat 240
acagaggtaa aaccagtaat ccatagcagg atcaacgtgt cagctcgctt tagaaaaccg 300
cttcaggagc cgtgcactat cttcttgatt gcaaattggag acctcataaa cccagcttct 360
cgctctctta tccccagaaa aaccttgaat cagtgggata atgtactaca aatggtcaca 420
gaaaaaatca ctctgaggag cggggctgtt cacaggctct atactttaga aggaagactt 480
gttgagagtg ga 492

```

<210> 1996
 <211> 1658
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (882)...(1493)
 <223> similar to gi5734466 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1996
 tttgtatttt tttagtagaa acgaggtttc tccatattgg tcaggctggt ctcgaaactcc 60
 cgacctcagg tgatccgccc gcctcagcct cccaaagtgc tgggattaca ggcgtgagcc 120
 accgcacccg gcctgctgta ccttctttgt gcctcagttt ccctctttat tcaatggggc 180
 tatcttccag ggtagcctcg aggctaagat ctgaatccat ggccccttac tgtctgctcc 240
 tttcctctcc taaggactcc agtgggggtg actcatgtgc ttctgaggag gaaccaacct 300
 ttgaccccg ctagaacct gactgggctg tcatcagcac tgtgcggcca cagccctgcc 360
 actcagaccc cacgagaggt gcagagccca gctgccccca gggctcctgg gccttctcag 420
 tgagtctggg ggagctaaag tccatccgcc gctccaagcc aggcctcagc tgggcctacc 480
 tggttctggt gacccaggct ggaggttccc tgcccgcact gcacttccac cgcgggggca 540
 cccgcgccct gctccgcgtc ctccagccgt acctgctgtt ggccagctcc ccgcaggact 600
 cccgcctcta ccttgtcttc ccccaagact cctctgctct ctccaactcc ttccaccacc 660
 tgcagctctt tgaccaggac agctccaatg tgggtgtcag cttcctccag gatccctact 720
 ccaccacctt cagcagcttc tcccgagtga ccaacttctt ccgggggtgcc ctgcagccac 780
 agcctgaggg agccgcctcc gaccttcccc cgcacccga cgatgagccc gagcctggat 840
 tcgagggtcat ttctgtgtg gagctggggc ctcgccaac cgtggagcgg ggccctccag 900
 ttacagagga ggagtgggca cgccacgtgg gccctgaagg tcgcctgcag caggtccctg 960
 agctgaagaa ccggtatctt tcgggggggtc tgagccccag cctgcggcgc gaggcctgga 1020
 agttcctcct aggttacctc agctgggaag gcacagctga ggagcacaag gcccacatac 1080
 gcaagaaaac ggatgagtat ttccgcatga agctgcagtg gaaatctgtg agccctgagc 1140
 aggagcggag aaactcactt ctgcatggat accgcagcct catcgaaagg gatgtgagcc 1200
 gactgacag gaccaacaag ttctacgagg gtcccagaaa cccggggctg ggcttctga 1260
 acgatattct cctcacctac tgcattgata acttcgacct cggctacgtc cagggcattg 1320
 gtgatcttct ctcccccatc ctctacgtca ttcagaacga ggtggatgct ttctggtgtt 1380
 tctgtggctt catggagctc gtgcaaggga actttgaaga gagccaggag accacgaagc 1440
 ggcaactcgg gcgactgctg ctgctcctga ggggtgctgga cccctgctc tgcgacttcc 1500
 tgggtatgtc tctcgggagg gtgggcagga gacaatgggg ccatagacct tgccagattc 1560
 tctggtagca gccacagtgg catcctggac attgggtcct gatccaaaca agagaaacat 1620
 cccacacaaa cctagaatgt agaggcagaa ttgctgtt 1658

<210> 1997
 <211> 947
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (15)...(800)

<223> similar to gi4220590 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1997

gcggtggaat	tcgcgaggac	gagtgggtact	gccctgagtg	ccggaatgat	gccagcgagg	60
tgggtactggc	gggagagcgg	ctgagagaga	gcaagaagaa	ggcgaagatg	gcctcggcca	120
catcgctctc	acagcgggac	tggggcaagg	gcatggcctg	tgtgggcccgc	accaaggaat	180
gtaccatcgt	cccgccaac	cactacggac	ccatcccggg	gatccccgtg	ggcaccatgt	240
ggcgggtccg	agtccaggtc	agcagtcgg	gtgtccatcg	gccccacgtg	gctggcatac	300
acggccggag	caacgacgga	gcgtactccc	tagtcctggc	ggggggctat	gaggatgacg	360
tggaccatgg	gaattttttc	acatacacgg	gtagtgggtg	tcgagatctt	tccggcaaca	420
agaggaccgc	ggaacagtct	tgtgatcaga	aactcaccaa	caccaacagg	gcgctggctc	480
tcaactgctt	tgtctccatc	aatgaccaag	aaggggccga	ggccaaggac	tggcggtcgg	540
ggaagccggt	caggggtggtg	cgcaatgtca	aggggtggcaa	gaatagcaag	tacgcccccg	600
ctgagggcaa	ccgctacgat	ggcatctaca	aggttgtaga	atactggccc	gagaagggga	660
agtccgggtt	tctcgtgtgg	cgctaccttc	tgcggaggga	cgatgatgag	cctggccctt	720
ggacgaagga	ggggaaggac	cggatcaaga	agctggggct	gaccatgcag	gtgtgtcttg	780
gatgggggat	ggcacttttg	gaggccaagg	cggatggatc	acttacgtta	ggagttcaag	840
accagcctgg	ccaacatggt	gaaacctcat	ctctactaaa	aatacaaaaa	ttagctgggt	900
atggtggcgg	gtgcctgtaa	tcccagctac	tgaggtggct	gaggcag		947

<210> 1998

<211> 582

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(453)

<223> similar to gi3327090 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 1998

acggccgcca	gcagcgggaa	caggaacaga	ggcggctgag	ccaggaacgg	gatcgcttag	60
agggctcttcg	ccagagactc	cgcaaggccc	agggacagct	cgactcacag	ccagaggacc	120
aacgcgagcg	gcttctgcag	ggtgtgcagg	agatgaggga	acaactggat	gtggcccaac	180
gtgcctatga	ggacctggag	ttccagcaac	tggagcggga	gagccggcag	gaggaggagg	240
atcgggacag	ccttggggcc	caggtgccag	acccaagggt	ccaggaactc	caggccagca	300
tggcgagca	cagacaccgg	atccgggtcc	tggaaagagca	gctcaagtca	ctgggggagc	360
agatggcagc	cgagagccgg	gggttgagcc	ggaagaagga	ggaggccctt	caggccctgt	420
cacaggaacg	gagccggctg	ctcgagctca	attgccttca	gggaacacct	ggcggtgact	480
tctctgagcc	caaccgggcc	ctcactaagc	tgtgtttcac	ccaaaagaca	gaccgccagc	540
tgcttgtgct	ccaggatgcc	gtggcccact	ccgctgtcac	cc		582

<210> 1999
 <211> 980
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (326)...(709)
 <223> similar to gi202523 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 1999
 agcgtgtcga attccaccta cgtggtagag aggggcggt gtgtggcggt ttgtcacatc 60
 tagatccatg ttttgcttcc ctggagccgc attcttttag gactaccttg atttattccg 120
 tccctgggct ggtggggccg aggagtgtcg gaggagagcc agtgctttgc gtggtcctct 180
 gaattctgcc aggtagccct gctccggcgt ccgtgaaggg gccaggacag tgtccgccag 240
 gaggggctgt gctcccagac aggaagcagg agagggttga gccctgttct gaccctgcca 300
 ttccgccctc tcctcacccc tgccccacag ggactgcac gccctctgct tcctcaacag 360
 cggcaccagc tttgtggccg gctttgccat cttctccatc ctgggcttca tgtctcagga 420
 gcagggggtg cccattttctg aggtggccga gtcaggccct ggcctggctt tcatcgctta 480
 cccgcgggct gtggtgatgc tgcccttctc tcctctctgg gcctgctgtt tcttcttcat 540
 ggtcgttctc ctgggactgg atagccagtt tgtgtgtgta gaaagcctgg tgacagcgct 600
 ggtggacatg taccctcacg tgttccgcaa gaagaaccgg agggaagtcc tcatccttgg 660
 agtatctgtc gtctccttcc ttgtggggct gatcatgtc acagaggtga gggcctggga 720
 agcgggggaa ggctggggag gaggagccaa gtgacagctg ctacctgtca gtgaggcaga 780
 taccctggct cccggtcagg gcaggcttct tgggcttctg gacactagga ctccctcttt 840
 tccccatccc aggaacgaca aagtaggcag gtccctctc tggcctttgg gcatggacca 900
 cccacctcca gggatgggtg aggagccatt tggctccaca gtaagtgaag aggtatgtgg 960
 agcattggat tgggagaagc 980

<210> 2000
 <211> 450
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (136)...(415)
 <223> similar to gi3979818 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2000
 aatgaaacta gagcatagtc cgtgcggtgg aattaaata aatactgggg cagcagacag 60
 gggccagcct gcctgtcctg aggcttgttt tctctcgtgg gcagcttccg ggcatttgtg 120
 gaggacagtg aggacgagga cggcgctggg gagggcggt ccagtttgct gcagaaacgt 180

```
gcaaaaacca ggcaggagaa ggcccaggag gaggccgact acatcgagt gctgaaggga 240
cagaaagaga ttcggaaccc agattccctg aaggaaactga cgcattctcaa ggaatactgg 300
aacgaccctg agttggatga aggggagcgg ttcttgccggg attacatcct caacaaacgc 360
tatgaggagg aggaagagga ggaggaagat gaagaggaaa tggaggaaga ggaggggtcc 420
acggtccccc agtccagctg gctgtggaca 450
```

```
<210> 2001
<211> 601
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (3)...(598)
<223> similar to gil871168 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2001
actgctccgc cagcaacttc tctgtggtct atactcgcta tgggaagtgt tacaccttca 60
acgcggaccc gcggagctcg ctgcccagcc gggcaggggg catgggcagt ggcctggaga 120
tcatgctgga catccagcag gaggagtacc tgcccatctg gaggagagaca aatgagacgt 180
cgtttgaggc aggtattcgg gtgcagatcc acagccagga ggagccgccc tacatccacc 240
agctgggggt cggggtgtcc ccaggcttcc agacctttgt gtcttgccag gaacagcggc 300
tgacctacct gcccagccc tggggcaact gccgcgcaga gactgagctc agggagcctg 360
agcttcaggg ctactcggcc tacagtgtgt ctgcctgccg gctgcgctgt gaaaaggagg 420
ccgtgcttca gcgctgccac tgccggatgg tgcacatgcc aggcaatgag accatctgcc 480
caccaatat ctacatcgag tgtgcagacc acacactggg tccgtgctgc ctaccttttc 540
ctacctctcc atcagcctct tcatgtctct gtccactctt ctctcactg tcttgatcc 600
t 601
```

```
<210> 2002
<211> 472
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (27)...(475)
<223> similar to gi3043568 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2002
ctcgagatac ctagtcaagt tgggtggaatt cgcagaagca gttcatcaga gacgtgttgg 60
```

```
actgtgaggc ggatgaaatg gacttctcct tcatggatat ggatgatgcg ctccggaagt 120
tccagtccca tatccgggtt caggggtgagg cccagaaagt ggagcgactc atcgaagcct 180
tcagccagcg gtactgtgtc tgtaaccag ccctcgtgcg ccagttccgg aaccagaca 240
ccatcttcat ccttgctttt gccatcatcc tcctcaatac cgacatgtac agtcccagcg 300
tcaaagctga acgaaagatg aaactagatg acttcatcaa gaacctgaga ggggttgaca 360
atggtgaaga catccccga gacctcctgg tgggcatcta ccagcgcatc caggggcgtg 420
aactgcggac caacgatgac catgtgtccc aggtgcaggc tgtggagcgc at 472
```

```
<210> 2003
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(211)
<223> similar to gi431020 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2003
ttcaggtttc actagcccag tgtgatgggc ttctccggtc gggtgaaaaa tccgggactg 60
tgggaactgc cgttcggcac caccgcacgc gagatcctcg aagattacgc cgggtggtatg 120
cgtgatggtc tgaaatttaa agcctggcag ccaggcggcg cggggactga ctctctgacc 180
gaagcgcacc ttgatctgcc gatggaattc tgagctaaac tgctcgagac ggcgctaattg 240
tacgcctaaa actgaaacga gacaagaggc attttcttat ttacttttag taacttacia 300
gtgtctcata tcggcgacag tttaatttct gacggtaata attagatatt cagcgaagga 360
aaaaacctta agaaaaaagc cataaaaacc atgaggttat tatggccgat ttgaggaggg 420
aaagagtaag agcagtttgt taaatgtacg 450
```

```
<210> 2004
<211> 751
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(633)
<223> similar to gi5305702 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2004
cccacgggaa gggcaggtga agcaggggct gctgggggat tgctggttcc tgtgtgcctg 60
gcgcgcgctg cagaagagca ggcacctcct ggaccaggtc attcctccgg gacagccgag 120
```

```

ctgggcccac caggagtacc ggggctcctt cacctgtcgc atttggcagt ttggacgctg 180
ggtggagggtg accacagatg accgcctgcc gtgccttgca gggagactct gtttctcccg 240
ctgccagagg gaggatgtgt tctggctccc cttactggaa aaggtctacg ccaaggcca 300
tggtgcctac gagcacctgt gggccgggca ggtggcggat gccctggtgg acctgaccgg 360
cggcctggca gaaagatgga acctgaaggg cgtagcagga agcggaggcc agcaggacag 420
gccaggccgc tgggagcaca ggacttgctg gcagctgctc cacctgaagg accagtgtct 480
gatcagctgc tgcgtgctca gcccagagc aggtgaggca cgtggccagc atgggagggc 540
tgcagccagc gtgcccccca ctgccaggcc tcaggcacac ttagctttt tatgtgactg 600
gctacacagc cctgtcagga ctaagtggga agaagtaagc ttgttctcaa ggggtggtgc 660
ctcagtttgt gaccttcccc tgctgtcctc ttccagaggg acgtggccct tctctcccct 720
gaccagtctt ttccactagt gcgaggcagg g 751

```

```

<210> 2005
<211> 495
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(496)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (35)...(257)
<223> similar to gil64036 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2005
accctatcg tagaccctag tccatgtggt ggaattcgcg ggtgaacatg ccgaggccat 60
cgctagccgg gagcaggagg tgctgcaggg ttggaaagag ctgctgtcag cctgtgagga 120
tgcccgcctg catgtcagct ccacagccga cgcctgcgc ttccacagcc aagtccgcga 180
cctgctctcc tggatggatg gcatcgccag ccagattggg gcagccgaca agcccagggtg 240
cccctcatcc ctctcggggc ttctgcctc cccctggtgg cctaccccag ccaccccag 300
ccattgaca gcccccttct caatggaatg acaacagcca atatctgtgt gnnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nnnntcgtg tgtattcaga cccctttttt aggctgtca 420
ttggggactt cggtcagtgg gcatccttct gtccgctgtc cttcccagnt gcctattatt 480
accctctcca tggga 495

```

```

<210> 2006
<211> 447
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (12)...(447)
 <223> similar to gi732819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2006

ggaggaattc	cttctacaat	gaagctgtca	attatgatac	ctgcaagcag	tgtacacagt	60
gcaaccatcg	aagtgggaagt	gaactcaagc	agaattgcac	acctactcag	gatactgtct	120
gcagatgtag	accaggcacc	caacctcggc	aggacagcgg	ctacaagctt	ggcgttgact	180
gtgttcctcg	ccctcctggc	cacttttctc	caggcaacaa	ccaggcctgc	aagccctgga	240
ccaattgtac	cttatctgga	aagcagaccc	gccaccagc	cagtgcacgc	ttggacgcag	300
tctgtgagga	cagaagcctc	ctggccacac	tgctctggga	gaccagcgc	cctacattca	360
ggccaaccac	tgtccaatcc	accacagtct	ggcccaggac	ttctgagttg	ccctctccac	420
ccaccttggt	gactcctgag	ggcctgg				447

<210> 2007
 <211> 393
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(393)
 <223> similar to gi2337774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2007

ttagtgtgct	ggcagacagc	ggcgatattg	agtccattcg	ccattatcat	ccccaggatg	60
ccaccaccaa	tccttcgctg	ttactcaaag	ctgccggatt	atcacaaat	gagcatttaa	120
tagacgatgc	tatcgcttgg	ggtaaaaaaa	atggcaagac	ccaggaacaa	caggtggctg	180
cagcgtgtga	caaaactggc	gtcaatttct	gtgctgaaat	cctcaaaatc	gtacccggtc	240
gcgtgtcaac	agaagttgat	gcacgcctct	cttttgataa	agaaaagagt	attgagaagg	300
cgcgccatct	ggtggacttg	tatcagcaac	aaggcgttga	gaaatcacgc	attctgatca	360
agctggcttc	gacctgggaa	ggaattcgat	atc			393

<210> 2008
 <211> 584
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (198)...(587)
 <223> similar to gi3152662 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2008

tcccgtccga	acctaggttg	cccttccgtg	tgatagggtc	tacactggcc	agggaggggg	60
ttttggagga	gaggctgctc	tctcttcagt	tcctccccct	gttcctggcc	acacggatcc	120
caaaccat	gccctgagct	gttccaggcc	gtgtaggcca	gaccagtcaa	agccacctcc	180
aacctccgct	tccaccagt	cccctgggtg	ccaagatctg	ccctagtga	acctacaaag	240
tgtggaagag	cggccagaac	ctgagggtag	acaccacact	cctgggcttt	gaccacatga	300
cctggcagcg	agggaaaccg	agctttgtct	tcaggggcca	agacacaagc	gccgtggtca	360
tggagattga	ccacgaccgc	cgggtggtgt	acacagagac	tctggcactg	gctgggcagg	420
accgggagct	gctgctggct	gctgctcagc	ccactgagga	acaggtgctg	agccggctta	480
ccgcgccgt	cgtcaccact	cagcttgaca	ccaagaatat	ctcctttgag	aggaacaaga	540
ctggcatcct	gggctggcgc	actgaaaaga	cggagatggt	gaat		584

<210> 2009

<211> 659

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (122)...(466)

<223> similar to gi53169 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2009

aattggacca	tagagatccc	taggcagtgt	ggtggaattc	caagagccga	agagccagtc	60
ctcactgggg	tgcagagggc	tctttggggg	cagagcgggc	actgcatgga	ccctgcaccc	120
tggagctgat	gttcagggtca	caaagctggt	gaagaactac	cggccccacg	aggccctgct	180
gatgctgccc	tcacggctgt	tctaccacag	ggaactcgag	gtctgtgcgg	acccccacagt	240
ggtgacctcc	ttgctgggct	gggagaagtt	gcctaagaaa	ggcttccctc	tcatcttcca	300
tgggtgtcgg	ggcagcgagg	cacgggaggg	aaaaagccca	tcgtgggttca	acccggccga	360
ggccgtccag	gtcctgcgct	actgctgcct	cctggccccc	agcatctcca	gtcaggtgtc	420
tgccagcgac	attggcggtca	tcacgcccta	ccggaagcag	gtacgccctg	cccaggcagc	480
cctggttctg	tgaggtccct	gcagccctgc	tccttggtc	ctgcagctcc	acagaggcag	540
gaacaagctc	cttgtgagca	gcagcagggt	tttaaagggg	caggaccgca	cttgaatgtc	600
gttcaacatg	agaggtcacc	caactgccat	ccatggggcca	gttccgggca	gctgccagg	659

<210> 2010

<211> 418

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(420)
 <223> similar to gi3511122 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2010
 acttgagcgt ggcgaggagc cctgggttcc cagtggaaag gacatgaccc tggccaggaa 60
 cacctacggg aggcctcaact ctggttcctg gagtttgaca gaggatagag atgtttctgg 120
 agaatggcca cgagcttttc cagatacccc acctgggatg actactagcg tcttccctgt 180
 tgccgatgcc tgccacagtg taaaaagcct gcagcgacaa ccgggtgcct ccccatctca 240
 ggagagaaaa cccacggggg tgctcgggat ctattgggag aggctcctgc taggctcgcg 300
 cagtgaccag gccagcatca gcctgcgact gacctcccca ctcaggcccc ccaagagcag 360
 ccggcccagc gaaaagacct tcacagagta ccgggtgcct gggaggcagc ccacgacg 418

<210> 2011
 <211> 650
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (14)...(652)
 <223> similar to gil480005 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2011
 actagtccag agtgggtggaa ttcacctgac ggtgaacctc gctgcgcccc acggtcctgg 60
 cgctttcttc cgctacatgc gccagcccat caaacaggag ctcatctgca agtggctggc 120
 ggccgacggc accgcgaccc cgagcctctg ctccaaaact ttcagcacca tgcacgagct 180
 ggtcacgcac gtcaccgtgg agcacgtcgg cggcccgga caggccaacc acatttgctt 240
 ctgggaggag tgtccgcgcc agggaaagcc cttcaaagcc aaatacaaac ttgtaaatca 300
 catccgcgtg cacacggggc agaagccctt cccttgtcct ttcccggggg gtgggaaggt 360
 ctttgctaga tcagaaaatc tcaaaatata caaacgaact cacacaggcg agaagccctt 420
 cagatgcgag ttcgagggct gcgagcggcg cttcgccaac agcagcgacc gtaagaagca 480
 ttgcgacgtg cacactagcg acaagccata cacgtgcaag gtgcggggct gcgacaagtg 540
 ctacacgcac ccagctcgc tcgtaagca catgaaggtg cacgggcgct cgccgcgcgc 600
 cagctctggc tacgattcgg ctacaccgtc tgccctcgtg tcgccctcgt 650

<210> 2012
 <211> 976
 <212> DNA
 <213> Homo sapiens

001210 52288460

09027 *Eurytemora affinis* (Cope) (Crustacea: Ephemeroptera). — **09028** *Eurytemora affinis* (Cope) (Crustacea: Ephemeroptera).

catccgccac	ctccatgaca	gccaacacgt	ggctgttttc	caccggggcc	gattcttccg	60
catggggacc	cactcccgaa	acagcctgct	ttccccgaga	gccctggagc	agcagtttca	120
gagaatcctg	gatgatccct	caccggcctg	ccccacgag	gaacatctgg	cagctctgac	180
agctgctccc	aggggcacgt	gggcccaggt	gcggacatcc	ctgaagacc	aggcagcgga	240
ggccctggag	gcggtggaag	gggcccgttt	ctttgtgtca	ctggatgctg	agcccgcggg	300
gtcaccaggg	gaggacccgg	cagcgtcggt	ggatgcctac	gcccattgctc	tgctggccgg	360
ccggggccat	gatcgctggt	ttgacaaatc	cttcacccta	atcgtcttct	ctaacgggaa	420
gctggggctc	agcgtggagc	actcctgggc	cgactgcccc	atctcaggac	acatgtggga	480
gttcactctg	gctacagaat	gctttcagct	gggctactca	acagacggcc	actgcaaggg	540
gcacccggac	cccacactac	cccagcccca	gcggctgcaa	tgggaccttc	cagaccagat	600
ccactcctcc	atctctctag	ccctgagggg	agccaagatc	ttgtctgaaa	atgtcgactg	660
ccatgtcgtt	ccattctccc	tatttggcaa	gagcttcate	cgacgctgcc	acctctcttt	720
agacagcttc	atccagatcg	ccttgcaact	ggcccacttc	cgggacaggg	gtcaattctg	780
ctcgacttat	gagtcggcca	tgactgcgtt	attcctggaa	ggccggacgg	agacggtgcg	840
gtcttgcacg	aggggaggcct	gcaactttgt	cagggccatg	gaggacaaa	agaagacgga	900
cccacagtgc	ctcgccctgt	tccgcgtggc	agtggacaag	caccaggctc	tgctgaaggc	960
agccatgagc	gggcag					976

```
<220>
<221> misc_feature
<222> (3)...(312)
<223> similar to gi6007859 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

ataaaatggt	tgtctttggt	ggctcttttag	gatcccgga	aatgagcaat	gatgtctggg	60
tccttgacct	tgagcagtg	ggctgggtcca	agccgaacat	ctctggcccc	agtcctcatc	120
ctcgaggtgg	ccaatctcag	attgtcatag	atgatgcaac	tatcttaatc	ctcggagggt	180
gtggcgggtcc	caatgctcta	ttcaaggatg	cttggttggt	gcacatgcat	tctggtcctt	240
gggcctggca	gccactcaag	gtagaaaatg	aagagcatgg	ggccccagaa	ctgtggtgcc	300
atccagcttg	ccgggtggga	cagtgtgtgg	tggtcttcag	ccaggctcct	agtgggagag	360
ccccactcag	ccccagtttg	aactctcgcc	catcacctat	cagtgccact	cctccagctc	420
tcgttcctga	aacccgagag	taccgctctc	agtctccagt	aagaagcatg	gatgaagctc	480
cttgtgttaa	cggccgctgg	ggaacactga	gacccagggc	tcaaaggcag	actccttcag	540

```

gttccccgga agggagcctt tccccagcca gaggagacgg ctctcctatc ctcaatgggtg 600
ggagttttgtc tccaggaacg gcagctgtgg gtggctcttc tttggacagt cctgtacagg 660
ccatatctcc aagtactcca tctgctcctg aaggatacga cctgaaaata ggacttttctt 720
tggccccccg acgaggatca ctaccagatc agaaagatct gagattagga tccatagatc 780
tgaattggga tctgaaaccc gcttccagta gtaatcccat ggatggcatg gacaatagga 840
cagttggggg aagtatgaga caccctcctg aacagacaaa tgggtgtgcat accccacctc 900
acgtggccag tgcctttgca ggggccgtct ccccaggtgc cctgcgtcgg agtctggaag 960
ccatcaaagc gatgtcctcc aaaggcccct cggcctctgc agcactaagt cctcctcttg 1020
ggtctttctc aggtctctct gggagccaga gtttgagcag tggagaaaca gtgcccaccc 1080
ctcgcccagg gcctgcccac ggagatggac attccttacc tcccattgct cgccgcctgg 1140
gccaccaccc tccacagtcc ctaaatgttg gcaaaccctt ataccagagt atgaactgca 1200
agcccatgca gatgtacgtg ctggacatta aagacaccaa ggagaagggg cggtgcaaat 1260
ggaaagtatt taatagcagt tctgtggttg gacctcctga aaccagcctg cataccgtgg 1320
tacaaggcag ggggtgaactc atcatatttg gaggactcat ggacaagaaa cagaatgtga 1380
agtactatcc aaaaacaaac gccttgtact ttgtacgagc aaagagataa tgtgttctaa 1440
acccctttcc ttttctgtgg cttttaattt ggaattttcc agtgtgtaag catttggaact 1500
gagaattggg aaaacaaaat tactcccaga agccaaaact ctttaattcc caaccgaagt 1560
cactccaggc tgggatcaaa tctccattaa gaaaaaaaat tatatatata tatatatata 1620
tatattatat agccaaactc gttgacaaaa aaaggagag agttccatcc tggttcagat 1680
aaagtttgtg gctgtgtttt aacaggggct gggctgcctt tttctacctt gctggtaact 1740
agaccaagaa gttagagaat agactaacat cagtaacttc caaaagaaa ctgaagagcc 1800
ccctgtaaat ctttatgttg ccttcttgga gttaaaaaat gaaagggcat atgtaagttg 1860
caaaggtgga gggttttaga ctctcatgct tcaggtgctg tcggggtaaa agtaactgtt 1920
tttccccttc tcttaaaacc acagaggacc tgtgacagct ctgcagaaat tgcagtgcct 1980
ggccccctct tgccttttat ggctgaggaa agttacccaa caaaggattt tattccaaaa 2040
aaaaaa 2046

```

```

<210> 2014
<211> 743
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (298)...(717)
<223> similar to gil57409 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2014
ggaattcagg ggaaggtgtg caaagctgga agtcctgcgg ggcattgtctg tgttctgagt 60
cagggccctg aagagatctc tctgcctttg tgggctgtgc ctgccatcgt gggcagctgc 120
gcaaccgtct tggccctcct ggctccttagc ctgatcctgt gtaaccagtg cagggggaag 180
aaggccaaaa atcccaaaga agagaagaaa ccgaaggaga agaagaaaaa ggggaagtga 240
aacgttgctt ttgatgacct tgacaatatc cctccctatg gggatgacat gactgtgagg 300
aagcagcctg aagggaaacc aaaaccagat atcattgaaa gggaaaaccc ctaccttacc 360
tatgatgaaa ctgatattcc tcacaactca gaaaccatcc ccagcgcccc tttggcatct 420
ccagagcagg agatagagcc ctatgacatt gacaacgcca gcagcatcgc cccttcggat 480
gcagacatca ttcaacacta caagcagttc cgcagccaca caccaaaatt ttcaatccag 540
aggcacagtc ccctaggctt tgcaaggcaa tccccatgc ccttaggagc aagcagtttg 600
acttaccagc cttcatatgg tcaaggtttg agaaccagct ccctaagcca ctgagcatgc 660

```

```
ccaactccca accctctgtc tcgacacagt ccagcccctt tctccaaatc ttctacgttc 720
tatagaaaca gcccagctgt agt 743
```

```
<210> 2015
<211> 735
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (90)...(528)
<223> similar to gi3811376 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2015
aggaaccctt cgagcctaag gaggagatat caggaagcgg aactcagcct ggaggagcaa 60
aggaggaaac caaagtgttt tctggagggg acactgaagg gaatggggag ctagggttct 120
tgttgccctt agggccaggg ccaacatctg ggggaggggg tccatcctgg aaaccagtgg 180
atcttcatgg gaatgaaatc ctgtcagggg gtggaggacc tgggggagca ggccaggccg 240
tgcattggcc tgtgaagcta ggggggacac cccctgcaga tggaaaacgc tttggttgcc 300
tgtgtgggaa gcggttttgc gtgaagccaa agcgtgaccg gcacatcatg ctgaccttca 360
gccttcggcc ttttggtgtg ggcattctga acaagcgctt caagctgaag caccatctga 420
cagagcacat gaagacccat gctggagccc tgcattgctg tccccactgt ggccgtcggt 480
tccgagtcca tgcctgtttt ctccgccacc gggacctatg caagggccag ggctgggcca 540
ctgcccactg gacttacaag tgactgctga ggctatacac tagcttctag aacaagataa 600
ccactgctgc tgatggatac ttttccctca ctgccatggc acaccagtca tggatcttgt 660
aatcatgcca agagaataga tacattatgg acctcttggt cttagatatg ggccctctcag 720
cctggcagat gtgga 735
```

```
<210> 2016
<211> 472
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (145)...(467)
<223> similar to gi2911858 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2016
ctgaacggga ctggcccttc tgcctctccc tgctcttctt atggcccagg gagagagccc 60
ttgggtggga cctcagagtt tctggggcct gatggggctg gggtagaggt ggtgattgag 120
```

```
tctcggggcca acgccaaggg ggttcgggag gaggacgccc tgctggagaa cgggagccag 180
agcaacgaaa gtgacgacgt cagcacagac cgtggccctg cggcaccttc cccgctcaag 240
gagacctcct tttccatcgg gctgcaagta ctgtttccat tctccttggc aggctttggg 300
accgtggctg ctggcatggg gttggacatc gtgcagcact gggaagtctt ccagaagggtg 360
acagagggtct tcatcctagt gcctgcgctg ctggggctca aagggaacct ggaaatgacc 420
ctggcatcaa ggctttccac tgcagccaac attggacaca aggacatgta tt 472
```

```
<210> 2017
<211> 877
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (111)...(880)
<223> similar to gi2337952 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2017
acctcacaag cggatgccgg ggcttctcct ggctgcccc a ggcggcgagg atctgtctgc 60
cgaggcgcg cttccactccc agagttttatt cctcgttcct tcttcagtc tgctcgtcgg 120
aggaccgggt tgccatgggt aaggaaaaaag tggcccaccc tcaggacct caccacccat 180
cagagaagcc tgtcattcac tgccataaat gtggggagcc ttgcaagggt gaagtgtctt 240
gggtccagac caaacatttc cacatcaagt gtttcacctg caaagtgtgt ggctgtgacc 300
tggcacaagg gggcttcttc ataaagaacg gagagtatct ctgcacctg gactaccagc 360
ggatgtacgg gacacgctgc catggctgtg gggagtttgt ggagggcgaa gtggtgactg 420
ctctgggcaa gacctaccat cccaattgct ttgcttgtag tatctgcaag cgcccgtttc 480
caccgggaga ccgagtcaca ttcaatggga gagactgcct ttgtcaactc tgtgcacagc 540
cgatgtcgtc cagtcggaaa gaaaccacct tctccagcaa ttgtgcccgc tgcggaagag 600
atatcaagaa tgggcaggcg ctgctggcgc tggataagca gtggcacttg ggggtgcttta 660
aatgcaagtc ctgcgggaag gtctcaccg gggagtacat cagcaaggat ggtgctccgt 720
actgtgaaaa ggactaccag ggactctttg gggtgaaatg tgaggcgtgt caccagttta 780
tcacagggaa agtcctggag gcaggtgaca aacattacca cccagctgt gcacgatgca 840
gcagatgcaa ccagatgttc acagaaggag aggaat 877
```

```
<210> 2018
<211> 494
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(493)
<223> similar to gi386433 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 2018
cccacccccca ggcaacatga acttttcccag ccaacccttc aaccagcctc tgggtcaaaa      60
ctttagtcct cccagtgggc agatgatgcc gggcccagtg gggggatttg gtcccatgat      120
ctcaccacc atgggacagc ctcccagagc agagctgggc ccaccttctc tgtcccaacg      180
atttgctcag ccaggggctc ctttttgccc ttctcctctc cagagacctg gtcaggggct      240
cccagcctg cgcctaaca caagtccctt tcctgggccg gaccctggct ttcttgcccc      300
tgggtggtgag gatgggggga agcccttgaa tccacctgct tctactgctt ttccccagga      360
gccccactca ggctccccgg ctgctgctgt taatgggaac cagcccagtt tccccccgaa      420
cagcagtggg cggggtgggg gactccaga tgccaacagc ttggcacccc ctggcaaggc      480
aggtgggggg tccg                                         494

```

```

<210> 2019
<211> 600
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(358)
<223> similar to gi5305335 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2019
cccacgcgtc cgccacgcg tccgcccacg cgtccgcccc cagagccaag accttctcca      60
gaaggtgacc cttccccccc accaccacca atgtcagccc tgggtccccga cactcccccg      120
gacaccctc ctgccatgaa gaatgccact agctctaagc agctcccact ggaaccagag      180
agcccctcag ggcaggtcgg gcctaggcca gccccccgc aggaagagtc cccttcctct      240
gaagcaaaga gcagaggacc caccaccacca gccatgggcc cacgggatgc cagacctcct      300
cgaaggagca gccagccatc tccaacagca gtgccagcct ccgacagccc tcccaccaag      360
caagagggtga agaaggcagg agagagacac aagctggcaa aggagcggcg agaagagcgg      420
gccaaagtacc tggcggccaa gaaggcagtg tggctggaga aggaggagaa ggccaaggcg      480
ctgcgggaga agcagctcca ggagcgccgc tgccggtttt agggagcaaa cgtcttaaaag      540
ccgagcaacg ccgttcaagc cttggaggaa cggctagcgg aagaagtttg tggaaaacaa      600

```

```

<210> 2020
<211> 622
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(625)
<223> similar to gi5689517 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 2020

ttttcagatg	gtggccagca	gagatctgca	accccagggtc	tgtgccactg	aacatccagg	60
gccttaaaca	tgacttgggg	gacttccctg	tattcttctt	tggttctcat	gactactact	120
gggtacacca	gggcagagtg	ttcccttatg	ttgaaggaaa	caaaagcttt	gctgaagggc	180
agactagtat	taacaagacc	ttcaaaaagg	cactggaaga	agctgcaaaa	cgtttccagg	240
aattgaaagc	acaaagagaa	agtaaagaag	ccctagagat	tgaaaaaac	tcaagaaaac	300
ccctcccta	caaacacatc	aaagctaaca	aagtaatagg	aaaggtgcag	atccagggtg	360
ctgacctgtc	agagattccc	cgctgtaact	gcaagccagc	tgatgaaaac	ccttgtggct	420
tggaatcgga	gtgcctgaac	agaatgttgc	agtatgaatg	ccaccgcag	gtgtgcccag	480
ctggagatcg	ttgtcagaac	cagtgtctta	caaagagact	ataccctgat	gcagagatca	540
tcaaaacgga	gcggagaggg	tggggcctca	ggaccaaaaag	gagcattaag	aagggtgaat	600
ttgtaaatga	atacgtcggg	ga				622

<210> 2021

<211> 509

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (43)...(510)

<223> similar to gi5262560 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2021

atcgaccgcc	atttgacgcc	gcgctgcagg	aattcggcac	gagggaaagc	cttcaactct	60
tctaattcct	gtcgagtgca	tgaaagaact	catattggag	aaaaaccata	tgaatgtaaa	120
cgatgtggca	aatcattcag	ttgggtccatt	tctcttcgat	tgcatgaaag	aactcatact	180
ggagagaaac	cttatgagtg	taaacagtgt	cataaaacct	tcagtttttc	aagttccctt	240
cgagaacacg	aaacaactca	cactggagag	aaaccctatg	aatgtaaaca	atgtgtgtaaa	300
accttcagtt	tttcaagttc	ccttcaaaga	catgaaagga	ctcacaatgc	agagaaaccc	360
tatgaatgta	aacagtgtgg	gaaagccttc	aggtgttcaa	gttattttcg	aattcatgaa	420
aggtcacaca	ctggagagaa	accctatgaa	tgtaaacagt	gtggaaaagt	tttcattcgt	480
tccagttcct	ttcgactgca	tgaaagaac				509

<210> 2022

<211> 444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (32)...(113)
 <223> similar to gil737205 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2022
 cattttaccc ggctgcagga attcggcacg agcctgcctc tacctggtct gccgtacgga 60
 gggcacgccc cacatgctcc tggacctcag cgacctgctc caggtagaca gcctccgtcc 120
 tgcattctttc cccacctggg gttgtgacct ggggggttggt accagggttg tgaccggggt 180
 gtaccccagg tgcctccacg catctcagtg gccggtctgt gctgcctgcc cagtcaggaa 240
 gttttggtct gtaggatgag gggccttcat gacatggggg tcacagtccg agacttgtgg 300
 gagtggtggg ctccatggca ggagggcacc tgccaatgct gggcacgggt ggggtgttagc 360
 taggcctggg tgaacagtga acttttgtcc tacacaaagg agattatatt caattaaaaa 420
 atttttttgt gtagtaaaaa aaaa 444

<210> 2023
 <211> 636
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3)...(639)
 <223> similar to gil651341 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2023
 gggccgagtg tctggaggcc tctattgccc gatatgccc cegtgtcgcc aatagccggt 60
 atacctttga cggtgaaacc gtgacgcttt cgccaagtca gggcggttaac cagctgcacg 120
 gcgggcccga aggggttcgac aaacgtcgct ggcagattgt gaaccagaac gatcgtcagg 180
 tgctgtttgc cctgagttca gatgatggtg atcagggtct cccgggtaat ctcggcgcga 240
 cggtgcaata tcgtctgacc gacgataacc gtatctccat tacttatcgc gccacagttg 300
 ataaaccttg cccggtgaat atgactaatc acgtctatct caatcttgac ggcgagcagt 360
 ctgacgtgcg caatcacaag ttgcagattc tggcggacga atatctgccg gttgatgaag 420
 gcggcattcc gcacgacggc ctgaaatctg tcgccggaac gtcttttgat ttccgcagcg 480
 ccaaaatcat cgccagttag tttcttgccg acgacgatca gcgcaaagtg aaaggttacg 540
 atcacgcatt cttgttacag gccaaaggcg atggcaagaa agtggcggcg catgtctggt 600
 cagcagatga aaaattgcag ctgaaggtct acacca 636

<210> 2024
 <211> 1043
 <212> DNA
 <213> Homo sapiens

```

<220>
<221> misc_feature
<222> (1)...(1044)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (18)...(731)
<223> similar to gi2343283 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2024
gaattcggca cgagagatct caggactccg tgtcatctcc ttcgccacag aagcagaagt      60
cagcctcggc cctcacctac actgcttctt ccacatctgc caaaaaggcc tcgggccctg      120
ccacaaggag ccctttccca cctgggaaga gcaggacttc agaccacagc ttgagtagag      180
agggctccag acaaagcttg ggttctgaca gagccagcgc cacctccacc tccaaaccca      240
attccccctc ggtgagccag gcccgagcag gggagggcag gggggccggg aagcacgtgc      300
ggagctcctc catggccagc ctgcgctccc ccagcacaag catcaagtct ggtttgaaga      360
gggacagcaa gtctgaggac aaggggctgt ccttcttcaa atcagccttg agacagaagg      420
aaacccggcg ctcgacggat cttggcaaga cagccttgct ctctaaaaag gctgggtggga      480
gctctgttaa gtctgtctgt aagaacaccg gggacgacga ggacagagaga ggccaccagc      540
ctccagcttc ccagcagcca aatgcaaata caacgggaaa agagcagctt gtcaccaagg      600
accctgcttc tgccaaacat tccctgctgt ccgctcgcaa atccaagtct tcccaactag      660
actctggagt tccctcgtct ccgggtggca ggcagtctgc agagaaatcc tcaaaaaagt      720
tatcttctag catgcaaacc tctgcacggc cttctcaaaa acctcaggga tatttctgca      780
atcgaagtgt tttatctgta aagatgttta ttattttaga acccctgccc tcccaccaa      840
gccttctgtg cttttgcttt gtactttttt gagtnnnnnn nnnnnnnnnn nnnnnnnnnn      900
nnnnnnnnnn nnnnnnnnng tctaattcaa tagcatattg ctcaaagcga cgtcttattc      960
tgccattgaa ccaaattgca gctataggca atacattgac accaacctta ctggaacatt     1020
tgtgtacgat tcctcagacg acg                                     1043

```

```

<210> 2025
<211> 690
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (132)...(291)
<223> similar to gil665827 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2025
aaagtggcag tgtttcttct gaaattctca ggcagtcaga ctgtcttagg caaatcttga      60
taaaatagcc cttatccagg tttttatcta aggaatccca agaagactgg ggaatggaga      120
gacagtcaag gggtatgtca gaaaaggatg agtatcagtt tcaacatcag ggagcgggtg      180

```

```

agctgcttgt cttcaatttt ttgctcatcc ttaccatttt gacaatctgg ttattttaaaa 240
atcatcgatt ccgcttcttg catgaaactg gaggagcaat ggtgtatgac aagccgccga 300
aatttgccat gtcacgagag caaatgtcac agtcatgttc tcacacggca cataatgcaa 360
gtctgttgac agatgcgggt ccattgtcat gtggggagtc gagggcgagc tgtttgtttt 420
tgtaacgatg ttgggaagtg atggctctgc agtcacaaag agcagccttc tctcactggc 480
tgcaccgatg aacattacga agttctagaa caaacatcac ttcaaaatgc ctggagtaat 540
tcctcttata tcaactaatt tcaagaagaa aacctgcaga aactaaccct acccctctca 600
acgagaatat tgtgtccacg tcctctttac ttatacgacc cgtctcttat tctcttataa 660
cacaacgtca taactaaacg agcacaacac 690

```

<210> 2026

<211> 516

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (105)...(519)

<223> similar to gi2809057 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2026

```

attggaccgc ctgcggaatt cggcacgaga gcggcttata aacagaggca ttttctgctt 60
atggtaataa gacggacaac acaagagaaa agaggaccca cagaaggaca aaacgttttt 120
tacctatcc acggtttgta gaagtcttgg tgggtggcaga caacagaatg gtttcatacc 180
atggagaaaa ccttcaacac tatattttta ctttaatgtc aattgtagcc tctatctata 240
aagacccaag tattggaaat ttaattaata ttgttattgt gaacttaatt gtgattcata 300
atgaacagga tgggccttcc atatctttta atgctcagac aacattaaaa aacttttgcc 360
agtggcagca ttcgaagaac agtccaggtg gaatccatca tgatactgct gttctcttaa 420
caagacagga tatctgcaga gctcacgaca aatgtgatac cttaggcctg gctgaactgg 480
gaaccatttg tgatccctat agaagctgtt ctatta 516

```

<210> 2027

<211> 886

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(850)

<223> similar to gi2121234 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2027
cgctcgggga ccagttctac aaggaagcca ttgagcactg ccggagttac aactcacggc      60
tgtgtgcaga gcgcagcgtg cgtcttccct tcctggactc acagactggg gtggcccaga     120
acaactgcta catctggatg gagaagagggc accgaggccc aggccttgcc ccggggccagc     180
tgtatacata ccctgcccgc tgctggcgca agaagagacg attgcaccca cctgaagatc     240
caaaactgcg gctgctggag ataaaacctg aagtggagct tcccctgaag aaggatgggt     300
tcacctcaga gagcaccacg ctggaagcct tgctccgtgg cgaggggggtt gagaagaagg     360
tggatgccag ggaggaggaa agcatccagg aaatacagag ggttttggaa aatgatgaaa     420
atgtagaaga agggaatgaa gaagaggatt tggaagagga tattcccaag cgaaagaaca     480
ggactagagg acgggctcgc ggctctgcag ggggcaggag gaggcacgac gccgcctctc     540
aggaagacca cgacaaacct tacgtctgtg acatctgtgg caagcgctac aagaaccgac     600
cggggctcag ctaccactat gctcacactc acctggccag cgaggagggg gatgaagctc     660
aagaccagga gactcgggtcc ccaccaacc acagaaatga gaaccacagg cccagaaaag     720
gaccggatgg aacagtcatt cccaataact actgtgactt ctgcttgggg ggctccaaca     780
tgaacaagaa gagtgggcgg cctgaagagc tgggtgtcctg cgacagactgt ggacgctctg     840
ctcatttggg aggagaaggc aggaaggaga aggaggcagc ggccgc                       886

```

```

<210> 2028
<211> 654
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (43)...(439)
<223> similar to gi3645961 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2028
aatcgagacc ctccggcattg gcggggccatt cttcttgcac aaccataaac tccatcatca      60
cttggaagta ctttcttgtg gctggctgta catgaggatg gtttaagcct cttagaatac     120
aactccatga ggttaatatg cagctatgtg tacaagagtc taatgacctt tggaggctat     180
caagatgatt ttatggtagt cattaacaat acacattcaa aggacaaacc aacagagaaa     240
ttactttttg ccatggcaaa acccaagatt cttgaaatca ctcttttgat cgccagttac     300
ataaacaact tccatcagca aaaggcagca tttcaccacc tctctgctcc agcactgctc     360
tcagcccaga cccggggacc ccaagccaga atgatgggaa gccagcctct tctgtcaagc     420
agcagaccga ccaaaggccc caccttactc tgaaagctgg ggagcctgaa cattcactcc     480
ttgtcctcca tgctgtggct gtatcagctc cctacaagtt cgtttacacc tggcagcacg     540
gcagccacac accggtattc caaaccttaa caatgaaggg ggttagtctc ttttatttga     600
ttcttaaata ttcaaataaa tattaacagt aaaacataaa caccaaaaaa aaaa           654

```

```

<210> 2029
<211> 2015
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (285)...(1022)
 <223> similar to gi3549261 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2029

tttcgtccac	gtcctgctcc	ccctggtgaa	gaagctgccc	tgggcttgct	gtcctaggg	60
ctccagacat	gtctgaggtg	aagagccgga	agaagtcggg	gccaaggga	gcccctgctg	120
cggagcccg	gaagcggagc	gagggcggga	agaccccggt	ggcccgagc	agcggaggcg	180
ggggctgggc	agaccccgga	acgtgcctga	gcctgctgtc	gctggggacg	tgctggggcc	240
tggcctgggt	tgtatttcag	cagtcagaaa	aatttgcaaa	ggtggaaaac	caataccagt	300
tactgaaact	agaaaccaat	gaattccaac	aacttcaaag	taaaatcagt	ttaatttcag	360
aaaagcttga	gtctactgaa	agcatcctgc	aggaagctac	atcatccatg	tctttgatga	420
cccagtttga	gcaggaagta	tccaacctcc	aagatatcat	gcatgacatt	caaaataatg	480
aagaggtgct	cactcaaagg	atgcaaagcc	ttaatgagaa	atttcagaat	attacggatt	540
tctggaagag	aagcctagaa	gaaatgaaca	ttaatacaga	cattttcaaa	tcagaagcaa	600
aacatatata	ttctcaagta	actgtccaaa	ttaactcagc	tgagcaggaa	ataaaattgc	660
tactgaacg	gctaaaagat	ttggaagata	gcacactaag	aaatattaga	acagtaaaaa	720
gacaagaaga	agaagatctc	ctgcgagtag	aggagcagct	aggctctgat	acaaaggcaa	780
ttgaaaagtt	agaagaggaa	cagcatgccc	tctttgccag	agatgaagat	ctgactaata	840
aactttccga	ctacgaaccc	aaagttgaag	aatgcaagac	acatttgcca	acaattgaaa	900
gtgctattca	ctctgttctc	agagtctctc	aggatctgat	agaaacagaa	aagaaaatgg	960
aagacttgac	tatgcagatg	tttaatatgg	aagatgatat	gctgaaagca	gtgtctgaaa	1020
taatggagat	gcagaaaacc	cttgaaggat	tttttttatg	ataatagcat	attaaagatg	1080
caaaatgaac	tggatattct	aaaagaaaaa	gttcatgatt	ttatagcata	ctcaagtaca	1140
ggagaaaagg	gaactttaaa	agaatataat	atagaaaata	aaggaattgg	tggtgatttt	1200
taaattcatg	acattttattc	tgatgaacca	tatcattata	cataaattga	ttagtccatt	1260
gattttgagt	tactttgata	cgctcatct	tatcctacat	tattggaaaa	taaatgagat	1320
gtccacacaa	atggattatc	cacataatca	aagcttatct	ttttaagcac	taaaacttac	1380
ttcattgtaa	ctatttgaaa	tagaaatagt	tctttaaaaa	tatttctcta	cttttaaaac	1440
aagatactta	atatttttaa	tgttttttta	agcattaatg	gacatcatca	ttaatttcac	1500
ctattatatt	gtacccacat	atattgatgt	ctccaggggc	taataaagag	tatttaccac	1560
ttcactaaat	gaccccaatt	tgccattttc	aaacctatgt	ctcatacctt	ttctgtcacc	1620
tgaacttact	gtcaggttgg	ttggtaaatgt	gcctgcctca	gccagttcac	tttcttaggt	1680
aattcactgc	aggttaagaa	tccacacaac	caagttcatg	ggaattttgt	gtaaaataaa	1740
agataacatg	cctgagggag	agcctggtgc	ctttgctatg	aattaatatg	cactttctga	1800
aaactctaaa	gcctgggaaa	catttttagtt	tttgtaagg	ttctaaactg	tgttacagat	1860
acttgtaaga	cttttaaaat	cagagtaagt	atgttcttac	ataaggcctt	tcttaggaat	1920
tatgtgtata	taaatctttg	aaatatcttt	atatacctga	gttttaggtt	ccaactgtgt	1980
tagacatgag	tttgctagat	ccatggtctc	tagat			2015

<210> 2030
 <211> 629
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (294)...(632)

<223> similar to gi3694664 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2030

aatcaacccat	agtgagtttt	gtccttaagt	ccttggtgat	tactgaaaa	cagacacgtg	60
tttccctgaa	ggtagtggt	tcctggcatc	gtgtttgttt	tggtgttgtc	tcagagggag	120
aaactgagaa	aaaagatgat	ggaatatact	agatgccgaa	gaaacattct	gatgaggagc	180
cagataaaac	ttgaattgga	atggatgcgt	gttcttaacc	gggctccatt	atcaatgacc	240
tttcataact	ttaagaataa	gaatgttctt	ctctctgaaa	ctgtgatgtt	gctcttcagg	300
agtcttaccg	ccagataatg	aagatgcgac	cgaaagactt	gaaaaaacgg	ctgatggtga	360
aattccgtgg	ggaagaaggt	ttggattacg	gtggtgtggc	cagggagtgg	ctttacttgc	420
tgtgccatga	aatgctgaat	ccttattacg	ggctcttcca	gtattctacg	gacaatattt	480
acatgttgca	aataaatccg	gattcttcaa	tcaaccccg	ccacttgtct	tatttccact	540
ttgtggggcg	gatcatgggg	ctggctgtgt	tccatggaca	ctacatcaac	gggggcttca	600
cagtgccctt	ctacaagcag	ctgctgggg				629

<210> 2031

<211> 722

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (36)...(725)

<223> similar to gi488555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2031

atcgagacca	gggtcagtg	ggtggaattc	cgggctgag	ccagcatcgc	cgcacgcaca	60
gcggcgagaa	gccgtaccgc	tgccccgact	gcgggaagtc	cttcagccac	ggtgccaccc	120
tggtctagca	cgtggcatc	cacactgggg	cgcgccgta	ccagtgcgcg	gcctgcggca	180
aggccttcgg	ctggcgctcc	acgtctgtga	aacatcgag	cagccacagc	ggggagaagc	240
cgcacccactg	cccgggtgtg	ggcaaggcct	tggggcacgg	ctcgctcctg	gcacagcacc	300
tgcgacgcga	cgggcgcccg	cgccccaca	agtggccgg	gtgcgccaa	ggcttcggcc	360
agggctctgc	gctgctcaaa	cacctgcga	cgcacacggg	cgagcgggcc	taccctgtgc	420
cgcagtgcgg	caaggccttc	gggcagagct	cggcgctgct	gcagcaccag	cgcacacaca	480
cgggcgagcg	cccctaccgc	tgccccact	gcggcaaaag	cttcgggcag	agctccaact	540
tgcaacacca	cctgcgcac	cacacggg	agcgcccta	cgcctgccc	cactgctcca	600
aggccttcgg	ccagagctca	gcgtgctcc	agcacctgca	cgtgcattcg	ggcgagcgtc	660
cctatcgctg	tcagctctgc	gggagggcct	tcggccaggc	ctccagcctc	accaagcaca	720
aa						722

<210> 2032

<211> 527
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (360)...(518)
 <223> similar to gi535518 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2032
 aggggggacc cacgcgtgcg gccagttgta caggaaactgc caaaggctac agaaattctt 60
 tctccctatg tcccagccta cccccacttt agcgaggcca acagccgcct cagaaaccag 120
 attcaggagc taacatgccc caggtctcac gaggatcaga gactccagag gccagggaag 180
 gagatcaagg tagtcaagcg ggggtcgtct cagatctggt tgtgctcgag ctatgcaaatt 240
 gcctctcacg gagatgcgag gacctatcta ttatgatgac cagggccaca tccggaggggg 300
 gcaacagact ttcattctatc agcccttttc aaccactgat ctactaaact ggaaacactc 360
 tgaacctgct catcttgctc ctggtatcag agagccctgt cgtgcataac tgtgtagaag 420
 tgttggaact agtttactcc agcagacctg atctccggga ccagccttgg gcatcagtag 480
 actggaagct atatgtggac aggagcagct tcatcaaccc acaaggg 527

<210> 2033
 <211> 495
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (133)...(442)
 <223> similar to gi896065 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2033
 ggggattgag accttacgtc gtccactatc catgtggtgg aattccaaga acttctcttc 60
 cccgaataaa tcagcggggg actctttgaa gctgcacatt ctgattcagc aggcctgaga 120
 ttctacattt gtatgtcttc tcagaaacaa tcggcctgga aggttatatt taaaaagaaa 180
 gtttctcttt tgaatattgc cacaagaata atgggtggtc agaaatctgg aacagagtat 240
 cctgagaatc tgcccacat gaaggctaca gttgaaaata aagattctgt tctgaataca 300
 gccacaaaaa tgaaggatgt acaaacatcc acaccagaag aacaagactt agaaatggca 360
 tcagagggag agcaaaagag gcttgaagaa tatgaaaata accagccaca gcaactggat 420
 gatgctcgca acaaagctga caatcaagaa aaggcaatac ttaatatcca agccagatgt 480
 gatgctagag taaaa 495

<210> 2034
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (166)...(558)
 <223> similar to gi3116439 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2034
 catcgatgac cttactcagt gtggtggaat tccagggttca aagcctgaga ccaaagagct 60
 gcaggatttg aatccatatt tccaggggta actattaata aaaatgtagc ttggataaat 120
 tacatctatt ataaccagca gtggtttatt aattacacca gggatgctat caaaggaata 180
 gctgaccaat tagggcctac tagccaaatg gcttgggaaa acagaatggc cctagacatg 240
 atattagcca aaaaagggtg agtttgtgtt atgatcaaaa ctcaatgttg taccttcac 300
 ccaaacaata ctgcccctag tgggagcata acaagggcct tacaaggcct tactgcttta 360
 tccaatgaat tagctaaaaa ttctggagtc aatgaccctt tttcaggatg gctagaaagg 420
 tggtttggtg aatggaaagg aatcatagcc tcaattctta cttctcttgc agccgtaata 480
 ggtgtagcca ttcttttttg gtgttgtgtc acaccatgta tccgtgggct agtacagagg 540
 cttatagaaa cagtacttac taaaacctcc cttagctctc ctccacctta tta 593

<210> 2035
 <211> 448
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (324)...(451)
 <223> similar to gil469866 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2035
 ggcttttttc tataaatgtt actccgtagc taataaatgt ggctagtggg tgtcttttga 60
 gtgctggggc cccagctaga gctgcccctc ctgtctgggg cagacgccgt gaggagcccc 120
 acgctcggcc cagggtggcg gagctagtgt ttggcccaa aaactgactg ctgagagcca 180
 gagatacgaa tgaaatgata aatcctgagg tttatttcac atggagtgtt taaagagcag 240
 aaggaagtgc gtgataagt ccctttcgcg gtgagcacgc gagtctcatg ttctctgccc 300
 ttcccgtct gtgcccttgg cagctccct cccacccggt cactccgtcc agcaagcacg 360
 cagacagcaa gcccgcgcc ctgacgccc cctaccacac gcagccccc caccgaattc 420
 caccgcactg gtcgagtgg cattcaag 448

<210> 2036
 <211> 1103
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (45)...(1100)
 <223> similar to gi295941 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2036

ggaattcagc	caatcaagag	attggccacc	tccaagatat	ggtaaggaaa	agtgaacaag	60
gtcttggctc	tgcagaagga	cttattgcta	gtcttcagga	ctcccaggaa	aggcttcaga	120
atgagcttga	cttgactaaa	gacagcctaa	aggagaccaa	ggatgctcta	ttaaatgtgg	180
aggggtgagct	agaacaagaa	aggcaacagc	atgaagaaac	aattgctgcc	atgaaagaag	240
aagagaagct	caaagtggac	aaaatggccc	atgacttaga	aattaagtgg	actgaaaatc	300
ttagacaaga	gtgttctaaa	cttcgtgaag	agttaaggct	tcaacatgaa	gaggataaga	360
agtcagcaat	gtctcaactt	ttgcagttga	aagatcgaga	gaaaaatgca	gcaagagatt	420
catggcagaa	gaaagtagaa	gatctcttaa	accagatttc	cttgctgaaa	cagaatctgg	480
agatacagct	ttcccagctc	cagacttctt	tgcaacaact	gcaagcccag	tttacgcaag	540
aacgacagcg	gcttacgcaa	gagcttgaag	aattagagga	gcaacatcag	caaagacaca	600
aatcattaaa	agaagcacat	gtccttgcat	ttcaaactat	ggaagaggaa	aaggaaaagg	660
agcaaagagc	tcttgaaaat	catttacaac	agaagcattc	tgcaagagctt	caatcactaa	720
aagatgcaca	cagagagtca	atggagggct	tccggataga	aatggaacag	gaacttcaga	780
ctcttcgggt	tgaattagaa	gatgaaggaa	aggctatgct	tgcttccttg	cgctcagaac	840
tcaacatca	acatgcagct	gcaattgatt	tgttacggca	taatcatcat	caagaattgg	900
cagctgctaa	aatggaatta	gagagaagca	tagacatcag	cagaagacag	agtaaggagc	960
acatatgtag	aattacagat	ctacaagagg	aattaagaca	cagagagcat	cacatctctg	1020
aattggataa	ggagggttcag	caccttcattg	agaatataag	tgccctaacc	aaagaactgg	1080
aatttaaggg	gaaagaaatt	ctc				1103

<210> 2037
 <211> 731
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (92)...(367)
 <223> similar to gi2224551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2037

atttcgtggc	tgaggcggcg	tcatgtcctc	cgaggtgtcc	gcgcgccgcg	acgccaagaa	60
gctggtgcgc	tccccgagcg	gcctgcgcat	ggtgcccgaa	caccgcgcct	tcggaagccc	120

```
gttcggcctg gaggagccgc agtgggtccc ggacaaggag tgtcggagat gtatgcagtg 180
tgacgccaag tttgactttc tcaccagaaa gcaccactgt cgccgctgcg ggaagtgttt 240
ctgcgacagg tgctgcagcc agaaggtgcc gctgcggcgc atgtgctttg tggaccccg 300
gcggcagtg gcggagtgcg cctgggtgtc cctcaaggag gcggagtctt acgacaagca 360
gctcaaaagt ctcctgagcg gtaaggacgg gtgtcctgca cagtcccgcg cgctccgcca 420
gccggctcct cgtgtctgtg gcgatgctgt gggctgtgca cggggcggtt tgcttctctg 480
acgttctctc gccctccctc ccttccccgt tttcttctgg attcgtttag aagcggttat 540
agagccttcc cttcttttca gaggcggaat gtcgtctaaa atgttggtgc tgactccgct 600
gggcacgtcc atcaggtggg aggggagggc ctgggccag gcagcacctt cctccttccc 660
ccgggagga cccggcgccg gcgctcgggc gtttgcaacc actgtggctc ctcggagggg 720
ccggagacct t 731
```

```
<210> 2038
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(436)
<223> similar to gi4586836 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2038
gtgactccaa ggaaccaaga ctgcagcagc tgggcctcct ggaggaggaa cagctgagag 60
gccttgatt cgcacagact cgaggataca agagcttagc aggggtgtct ggccatggtc 120
ccctgggtgt gcaactcctc tccttcacgc tcttggtgtg gctccttgct caagtgtcca 180
aggtccccag ctccataagt caggaacaat ccaggcaaga cgcgatctac cagaacctga 240
cccagcttaa agctgcagt ggtgagctct cagagaaatc caagctgcag gagatctacc 300
aggagctgac ccagctgaag gctgcagtgg gtgagcttcc agagaaatct aagctgcagg 360
agatctacca ggagctgacc tggctgaagg ctgcagtggg tgagcttcca gagaaatcta 420
agatgcagga gag 433
```

```
<210> 2039
<211> 738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (187)...(727)
<223> similar to gil934852 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```

<400> 2039
ccaaacctga caacacaaca taggagctgc taatttgagg ttctacccat tcaaaagcaa      60
atacttacaa aatacctggg agacagtgag aacagacaat gcagtgtcac cttgcatcct      120
tacatgtgat gtcctggcta caatcctgcc cgttgtcctt ggtatatgaa taacacttca      180
tctcagtttg tgtgcagctt ggtgtattat ggcctaactc tgagtgcggg tgatctaggt      240
ggaagtattt atgccaacct ggcctgtctt ggcctcatag agattccatc ttaccctctc      300
tgtatctact tgattaacca aaaatggttt ggtcgggaagc gaacattatc agcatttctg      360
tgcctaggag gactggcttg tcttattgta atgtttcttc cagaaaagaa agacacaggt      420
gtgtttgcag tggatgaacag ccattccttg tccttgctgg ggaagctgac catcagtgct      480
gcctttaaca ttgtttatat ctacacctct gagctttacc ctacagtcac caggaatgtt      540
gggcttgga cttgttccat gttctcccga gttggtggga ttattgctcc cttcatcccc      600
tcaactgaa atgtgcaatg gtctttacca ttcattgtct tcggagccac gggctgacc      660
tccggcctcc tgagtttggt attgccggag acccttaaca gtccggtgtt aaaaacattc      720
ttcgaccttt aggtgtat

```

```

<210> 2040
<211> 616
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (36)...(613)
<223> similar to gi498723 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2040
actttccgcg tcgacccacg ctttagatct gtatactttt cactctagag aaatcttaca      60
attgtacggg ttgtaacaag gttttcgtgc gtaattcagt cctggctgtg catactagaa      120
ttcacactgc aaagaaacct tacaagtgtg atgaatgtgg gaaagctttt aatcaacaat      180
cacatctttc acgtcatcgt agacttcata ctggagagaa accttacaaa tgtgaagcat      240
gtgacaaaag ttttggtcag aaatcagctc ttgagtcaca taagagaatt catactggag      300
agaaaccata cagatgtcag gtttgtgaca cagctttcac gtggaattca cagctggcac      360
gacatacaag aattcacact ggagaaaaaa cttacaagtg taatgagtgt ggggaagacct      420
tcagttacaa gtcatactt gtatggcatc gtagacttca tgggtggagag aaatcttaca      480
aatgtaaggg ttgtgacaag gctttcgtgt gtcgttccta tgtggcaaaa catactagaa      540
ttcacagtgg aatgaaacct tacaagtgtg atgagtgcag caagaccttc agtaacaggt      600
catcccttgt atgcca

```

```

<210> 2041
<211> 782
<212> DNA
<213> Homo sapiens

```

```

<220>

```

```

<221> misc_feature
<222> (1)...(783)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (782)...(1)
<223> similar to gi37400 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2041
gaagaagggg aaaagaggct ccaggcccct tctccaatca ctccctgccca ccctttctcc      60
tttgatttcc ttggctgctt tagcagggtct tcctagaggc taactttgat ctttcttgct      120
gcagtttctt tttgggagag ctagttagtc ccacagagtg gtatccctag aaggggagaag      180
taaggattgc cctcttcttt aaaatgaaaag ccagctattt ttcacgccct ttaactgcag      240
gtctgctcta ttttcttttc tctctctgga gctgagagtc agagggccct tctcctcctc      300
ctttcagccc ccaacactaa gctgatggat tgataaatac ctcagcccct cgcttttctc      360
aaccacactg gcaagtcttc ttaggatctg atcccagttt tctggaagca atcctacccc      420
agccattctt tcccagagtc gagccttaat ccttctcact tctcagtgtc agagcagaaa      480
tgaatcctgg ggttgactgt gtccattcgg gttattagca gctaagaagc ccagacgagt      540
agtgtgagct gccttgggag cctcagttag ggcaactgga ctggcctcac tctcttgccc      600
ccagcctagt gggctttctc ctctgtctct ccggtggccc caggcaatcg actgcatcac      660
gcanggacgt gagttggagc ggccacgtgc ctgcccacca gaggtctacg ccatcatgcc      720
gggctgctgg gcagcggagc cccagcaacg ccacagcatc aaggatgtgc acgcccgtcg      780
ca

```

```

<210> 2042
<211> 1134
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (25)...(1123)
<223> similar to gi508528 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2042
gcggccgcct cggtacggca gagcccgggg ccggcgctgg cgcggtgga gggccgagag      60
ttcagattcc tcatgcgcca gccagcgtc accatcgggc gcaactcgtc gcagggtcgc      120
gtggacttga gcatgggcct gtccagcttc atctcgcggc gccacctgca gctcagcttc      180
caggagccgc acttctacct gcgtgcctc ggcaagaacg gcgtcttcgt ggacggggcc      240
ttccagagac gcggcgcgcc cgccctgcag ctgcccagc agtgtacctt ccggtttccc      300
agcacggcca tcaagatcca gttcacttcg ctctatcaca aagaagaggc cccagcctcc      360
ccgctgcggc cactgtaccc ccagatctcc cctctgaaga tccacatccc ggagccggac      420
ctccggagca tggtcagccc cgtcccctcc ccgacgggca ccatcagtgt ccccaactcc      480
tgcccagcca gtccacgcgg tgccggctcc tccagttacc gctttgtgca gaacgtgacc      540

```

tcggacctgc	agctggcagc	agagtttgca	gcaaaggccg	cgtcggagca	gcaggcagac	600
acgtctggag	gagacagccc	caaggatgag	tcaaagccgc	cgttctccta	cgcgagctg	660
atcgtgcagg	ccatctcctc	cgcccaggac	cggcagctga	ccctgagcgg	gatctacgcc	720
cacatcacca	agcattaccc	ctactaccgg	acggccgaca	aaggctggca	gaattctatc	780
cggcacaacc	tctctttgaa	ccgttacttt	atcaaagtcc	cacgttccca	ggaggagcct	840
gggaaggggt	ccttttggcg	aatagaccct	gcctctgaag	ccaagctcgt	ggaacaggca	900
ttccggaaac	ggaggcagag	gggtgtctcc	tgcttccgca	cccccttcgg	gcctctgtcc	960
tcaaggagcg	ctccagcttc	gccacacac	cccgggctga	tgtccccctc	ctccggcggc	1020
ctgcagaccc	cagagtgcct	gtctcgggag	ggctccccca	ttccacacga	ccctgagttt	1080
gggtccaagt	tagcttctgt	cccagagtac	cggatttccc	aaccacgcg	tccg	1134

<210> 2043
 <211> 714
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (16)...(418)
 <223> similar to gi533381 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2043	
ttcgagaccc	tatccatgag
ctggcccagg	atgaggaggg
tgggcggcat	atgctgcggc
cataagggca	agacccctct
gatctgttga	acctgggagc
cacgtggccg	ctacctacgg
caggttgacc	tggaagccag
gcccttaacg	ttgctatgcg
cgagacaggc	tggattgtgt
gtgagcgggg	atgtgggcgg
gtccgggagc	tccaggcaaa
gttacttcac	ttctctgtgc
gggaattcct	cacatgctgg
cttcacctgt	ttgcggctcg
ggcgcttga	cattcgtag
accagccct	gattgtggag
gctgctgcca	atcagggacg
gttctcttgg	ctgtgcttaa
cgctccacac	ggccatcctg
gggtgctgag	cacacaggcc
gtgctaatca	caccatccag
tggaatgggg	ccacttggat
tgctgcgtgc	ccttgaacat
ttctttgtca	gtta

<210> 2044
 <211> 775
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = a,t,c or g

09-07-2018

ggcctaaatc	taaaaaattg	gagctaaatt	tagagtagat	tatgtttcac	tgacatttta	60
aactatattt	aaaacttact	cttcagtgtc	agttttctcc	tttataaaat	ctgtacatta	120
gcaacttcct	tcagaggact	actaaaaata	tgaataaca	ttccctcggc	caggaggagg	180
gctgagtgtg	gccctgcca	tctggtgagc	agcaggggtc	tggggagggtc	tgtgctgcac	240
acaacacagt	actgtcaaca	gtttgcacaa	ggggtacaaa	tcagaacctg	tcttgcaaca	300
cttttagttg	tcaccctagt	gttaggattt	ggttgtattg	agagctgttt	gttcacattt	360
gaaaatgttt	ttgccatgaa	aagattgcct	ttgtcatatt	tattgcaaaa	tctaaactgt	420
atgtattgat	atgattcaat	caaataatta	tgtaagttag	tgattaaaaa	attgtagagt	480
atactgaaaa	ggatagctct	caggaagggt	catctgcact	ttttgcaata	tgttacagat	540
tttgttgcat	atggttttat	tgtctcatt	caatgaactc	ttgaatcaaa	ccagttatgt	600
agtttctca	ttacagccca	gtgagtgcaa	aaacaaaacc	tttaggtatca	agagatgttt	660
tgccaaataa	ccgtcaactt	tatgagatgg	tcctgacata	taactttcat	caaccaaga	720
gtngngaang	tactccaagc	tgcccactac	tttgtgaact	attatatgaa	tctgc	775

—

ggcgaggaat	tatcatagag	acagaggggtg	accaccctaa	gggcattgag	atggatggga	60
aaatgatgaa	ttcccatttt	ctagatggga	acctggtgcc	cctggaaggg	aaggaagtgg	120
atgagtcccg	caaagagatg	atccggattc	tcaaggatct	gaagcaaaaa	caccagaga	180
aggacttaga	tcagctggtg	gagatggcca	attactatgc	tctttccac	caacagaaga	240
gccgcgcctt	ctaccgtatc	caagccactc	gtatgatgac	tggtgcaggc	aatatcctga	300
agaaacatgc	agcagaacaa	gccaagaagg	cctccagcat	gagcgagggtg	cacaccgatg	360
agcctgagga	ctttattttc	aaggtcttct	ttgacccatg	ttcttaccag	tgcttqga	418

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(429)
 <223> similar to gil813871 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2046
 gggccccgag tgcagcgagc gactcaaccc gcacgacatc cgcttgctgc tcgccgaccc 60
 gccgcttatg cacaagtacg aggagttcat gctgcgccgc tacctaacct cggacccccga 120
 ctgccgctgg tgcgccgccc cggactgcgg ttatgctgtt attgcctatg gctgtgccag 180
 ctgccgaag ctaacttgtg agagggaagg ttgccagact gagttctgct accactgcaa 240
 gcagatatgg catccaaatc agacatgcga tatggcccgt caacagaggg cccagacttt 300
 acgagttcgg accaaacaca cttcaggtct cagttatggg caagaatctg gaccagatga 360
 catcaagcca tgcccacgat gcagtgcata cattatcaag atgaatgatg gaagctgtaa 420
 tcacatgacg 430

<210> 2047
 <211> 1122
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1123)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (1122)...(26)
 <223> similar to gi4210989 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2047
 gtaattaaat ctacactatc tttactaagt ttttccatac tgtttctttg gaaatccaaa 60
 aaactacttt tttgactaaa tggatttgac ctctctgatg tttttgcaaa cgaaggcacg 120
 tagctaccaa atgcgaactc attaggggag gctggacttc taacatttcc tgaattctga 180
 ccttctcctt ttggagttga gaaactgatg tcttgcaaat gatgccatt aaataatctc 240
 tctgaggatt cagagaacct gtatgttttg gggcttctct ctggggagtg tagttttgat 300
 tcaaaatcag gtaacaatgg caaaacaggg tatttttagat ttcgagaatc ttggagttct 360
 ctgtcaattt cattcagttt agcaagtagc atttctctct tcagtctttc ttcttcctct 420
 ccttgcaatt tatccatatt ctgaattgga tacattccta gttggtacct tccagtttcc 480
 cactctggct tttcttctct ttccagtaaa gatgcctttt ctttttgctt tttatcaagt 540
 tcttctcttt cccattcatt ctccagcttt tcaacctcct gttttacgac atggagttct 600
 tcatctgtaa caaatttttc ttctctttcc ataattgggt ttagaatccc tgcttctcca 660


```

<400> 2049
aacaagttat cttcagaaaa aagaaattat gaagtaaag cgtacccatca ggagacatgg      60
aaaagaaata aaaccttcaa ctttatgagg tttattttca gaactgaccc acagtacaca      120
attgaatttg ggagacaaca gagacctaaa gtgggatgtt ttagtcaaat gatattcaaa      180
aaacataaat cccttcctct acataagaga aataacacaa gagagaaatc atatgagtgt      240
aaggaatata agaagggtct tagaaaatat ttgcacctta ctgaacatct gagagacccat      300
actggtgtga taccctatga atgtaatgaa tgtggaaaag catttgtagt tttccagcat      360
tttattagac atcgaaaaat ccacactgat ttgaaaccct atgaatgcaa tggatgtgag      420
aaggccttta ggtttttatt acagcttatt cagcatcaga taattcatac tggatatgaaa      480
ccctatgaat gtaagcaatg cggaagggtc tttagacgtc attctcacct tacagaacat      540
cagaaaattc atgttggtct gaaacccttt gaatgtaagg aatgtgggga aacgtttaga      600
ttatatcgac atatgtgtct gcatcagaaa attcatcatg gtgtgaaacc ctacaaatgt      660
aaagaatgtg gaaagggt

```

```

<210> 2050
<211> 515
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (76)...(492)
<223> similar to gi3876763 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2050
agacgggaca cttaccgaag aaggcagatg cagaggacca tcaactcgcca gatgtccttt      60
gatcttacia aactgctggt taccgaggac tgggttcagt acatcagtc ccagaccatg      120
agaagattac ttaatatatt ttctgtgaca ggacgattac tgagagccaa tcagattagt      180
ttcaactggg acaggcttgc tagctggatc aaccttactg agcagtggcc ataccggact      240
tcatggctca tattatattt ggaagagact gaagggtatt cagatcaaat gacattaaaa      300
accatctacg aaagaatatc aaagaatatt ccaacaacta aggatgttga gccacttctt      360
gaaattgatg gagatataag aaattttgaa gtgtttttgt cttcaaggac cccagttctt      420
gtggctcgag atgtaaaagt ctttttgcca tgcactgtaa acctagatcc caaactacgg      480
gaaattattg cagatgtcgt gctgccagag agcga

```

```

<210> 2051
<211> 1208
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1118)

```

<223> similar to gil665761 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2051

tcttgtttga	cctgggtgtg	gcctacggta	ttgactgtct	gctgattgat	cccaccctgg	60
ggggccgctg	tgacaccttt	actactttcg	atgcctcggg	ggagtgtggg	agctgtgtca	120
atactcccag	ctgcccgaag	tggagtaaac	caaagggtgt	gaagcagaag	tgtctctaca	180
acctgccctt	caagaggaac	ctggaaggct	gccgggagcg	gtgcagcctg	gtgatacaga	240
tccccagggtg	ctgcaagggc	tacttcgggc	gagactgtca	ggcctgccct	ggaggaccag	300
atgccccgtg	taataaccgg	ggtgtctgcc	ttgatcagta	ctcgccacc	ggagagtgtg	360
aatgcaacac	cggcttcaat	gggacggcgt	gtgagatgtg	ctggccgggg	agattcgggc	420
ctgattgtct	gccctgtggc	tgctcagacc	acggacagtg	cgatgatggc	atcacgggct	480
ccgggcagtg	cctctgtgaa	acgggggtgga	caggcccctc	gtgtgacact	caggcagttt	540
tgcttcagtg	gtgtacgcct	ccttgttctg	ctcatgccac	ctgtaaggag	aacaacacgt	600
gtgagtgtaa	cctggattat	gaagggtgacg	gaatcacatg	cacagttgtg	gatttctgca	660
aacaggacaa	cgggggctgt	gcaaagggtg	ccagatgctc	ccagaagggc	acgaaggctc	720
cctgcagctg	ccagaaggga	tacaaagggg	acgggcacag	ctgcacagag	atagaccctt	780
gtgcagacgg	ccttaacgga	gggtgtcacg	agcacgccac	ctgtaagatg	acaggcccgg	840
gcaagcacia	gtgtgagtg	aaaagtcact	atgtcggaga	tgggctgaac	tgtgagccgg	900
agcagctgcc	cattgaccgc	tgcttacagg	acaatgggca	gtgccatgca	gacgccaaat	960
gtgtcgacct	ccacttccag	gataccactg	ttgggggtgt	ccatctacgc	tccccactgg	1020
gccagtataa	gctgaccttt	gacaaagcca	gagaggcctg	tgccaacgaa	gctgcgacca	1080
tggaaccta	caaccagctc	tcctatgccc	agaagacctg	gtattccttt	accaaggaat	1140
aaagcctttg	atgccaggac	ccagactcaa	ggagaatctg	aatctctgct	ctcctgcttg	1200
ctggtcat						1208

<210> 2052

<211> 515

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (9)...(512)

<223> similar to gi4038413 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2052

gcgggtggaat	tcatcagccc	atgcttggtta	gtctgtttaa	gaagaagaga	aatgacaaca	60
gtgaggctca	gctcgccac	ctgatacctg	agctctgctt	tctaacaggg	ctgactgacc	120
aggcaacatc	tgatttccag	ctgatgaagg	ctgtggctga	aaagacacgt	ctcagtcctt	180
caggccggca	gcagcgctg	gccaggcttg	tggacaacat	ccagaggaat	accaatgctc	240
gctttgaact	agagacctgg	ggactgcatt	ttggaagcca	gatattctctg	actggccgga	300
ttgtgccttc	agaaaaata	ttaatgcaag	accacatatg	tcaacctgtg	tctgtctgtg	360
actggtccaa	ggatattcga	acttgcaaga	ttttaaatgc	acagtctttg	aatacctggg	420
tgattttatg	tagcgacaga	actgaatatg	ttgccgagag	ctttctgaac	tgcttgagaa	480
gagttgcagg	ttccatggga	tttaatgtgg	actac			515

agaattcata	caggagagaa	accttatgtg	tgtaatgtgt	gtgggaaagc	ctttagccat	600
cgtggatacc	taattgtaca	tcagagaatt	catactggag	agagacccta	cgaatgtaag	660
gaatgtagga	aagccttcag	ccagtatgca	caccttgctc	aacatcagag	agttcatact	720
ggagaaaaac	cttatgaatg	taaagtatgt	aggaaagcct	tcagccaaat	tgcatacctt	780
gatcaacatc	agaggggttca	tactggaga				809

<210> 2055
 <211> 625
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (381)...(622)
 <223> similar to gi3878000 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2055	
cgagctccaa	ggtgcaggcc ctcttcgccc acccgctgta caacgtcccg gaggagccgc 60
ctctcctggg	agccgaggac tcgtccctgg ccagccagga ggcgtgcgg tattaccgga 120
ggaaggtggc	ccgctggaac aggcgacaca agatgtacag agagcagatg aaccttacct 180
ccctggaccc	cccactgcag ctccgactcg aggccagctg ggtccagttc cacctgggta 240
ttaaccgcca	tgggctctac tcccgggtcca gccctgttgt cagcaaactt ctgcaagaca 300
tgaggcactt	tcccaccatc agtgctgatt acagtcaaga tgagaaagcc ttgctggggg 360
catgtgactg	caccagatt gtgaaaccca gtgggggtcca cctcaagctg gtgctgaggt 420
tctcggattt	cgggaaggcc atgttcaaac ccatgagaca gcagcgagat gaggagacac 480
cagtggactt	cttctacttc attgactttc agagacacaa tgctgagatc gcagctttcc 540
atctggacag	gattctggac tttcgacggg tgccgccaac agtggggagg atagtaaagt 600
tcaccaagga	aatcctatag gttcg 625

<210> 2056
 <211> 744
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (25)...(745)
 <223> similar to gi563129 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2056	
actgtagacc	attagtcag tgcggtggaa ttcataacc gaaacaacag tgtggtacag 60

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gtcctgcttg ctgctggggc tgatccaaac cttggagatg atttcagcag tgtttacaag 120
actgccaaag aacagggaat ccattctttg gaagtcctga tcacccgaga ggatgacttc 180
aacaacaggc tgaacaaccg cgccagtttc aagggctgca cggccttgca ctatgctgtt 240
cttgctgatg actaccgcac tgtcaaggag ctgcttgatg gaggagccaa cccctgcag 300
aggaatgaaa tgggacacac acccttgat tatgcccag aaggggaagt gatgaagctt 360
ctgaggactt ctgaagccaa gtaccaagag aagcagcga agcgtgaggc tgaggagcgg 420
cgccgcttcc ccctggagca gcgactaaa gaggacatca ttggccagga gagcgccatc 480
gccacagtgg gtgctgcgat ccggaggaa gagaatggct ggtacgatga aaaacaccct 540
ctggtcttcc tcttcttggg atcatctgga ataggaaaaa cagagctggc caagcagaca 600
gccaaatata tgcacaaaag tgctaaaaag ggcttcatca ggctggacat gtccgagttc 660
caggagcgac acgaggtggc caagtttatt gggctccac caggctacgt tggccatgag 720
gaggggtggc agctgaccaa gaag 744

```

```

<210> 2057
<211> 1688
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1689)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (1121)...(1249)
<223> similar to gi3287188 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2057
tttttttttt ttaaaatttc tcgaatttta ttatacttaa atgaactcaa gtacaagaaa 60
caaagttaaa aatatgtaag tataataaaa tatgtgcgcc ataattaaat gatattgtga 120
taagaaagaa aaaacctgga aatgttttac agaggttttt catttgatat cttaccatag 180
cagtagcaaa gagcttatta ggctaattgtt caaaaacaca ttcccttacc ataattattga 240
tgccagcaaa attggtgcta cagctacatg aatgaatgtt ttgctcagtt ttttctgggt 300
tacaaagaaa caccaagcaa ctgacctgca aaggggggacc cgaagtagac cccaggccca 360
gaccagttgt tgctttaatt tcccatncat aactggaaat aggcaaccat gggctccttg 420
gcacccttaa aaccatcctg ctactagcc actgaaatta aatagtgtcc aagaattttt 480
ttctgtctaa tttgaaaaaa gatagcta atgacaaggc tttgttgat ttacatcttg 540
aatttctgtg ggaaaaggat aaaccatttt tcaaagcaat tgagtaagcc atttttcaga 600
gcaccaagag ggaagctttt tagatttaaa ctcttagaat taataactgg acactaaggc 660
taagcatctt atagccatgt atcatattac tagtagtatt accaataact attgaccaca 720
aagactaaca ttacttcata aaaaaatttt gatacagtgt tcattgaaag aataaaacaa 780
gatttaaat gatgtgtatc agttcattat agctttaaaa aaattaggta tgacacagac 840
atgctaagcg tacttctcct accccaaagt gtttggtaat gtgtttatat actttcatat 900
tttaaaccac taagtaaaaa acgtgtatga atcacattag aaatagggtca ttttaagatca 960
ttgagcttgg aattagctca tttattataa atgttttata aatatttagt tgccagatct 1020
caataatgct tttgtgtgtc atcagattta cctagaataa gccaaagtggc atcccatccc 1080
gcatttcate tgttaagtgt atgcacacac cttttcttaa ctctttacca gtgaccacaa 1140
tggctggaca gctttgcatc atgcgtccat gggcggggtac actcagacca tgaaggtcat 1200

```

tcttgatact	aatttgaagt	gcacagatcg	cttggatgaa	gacgggggtat	gtactgcggt	1260
tctcatgctt	acccaaaatc	tcaatatagc	agaaacttcc	aacattgcca	gaaaactctc	1320
ctagacacct	tttaccttcc	ttgctctatt	cccagccttt	tgttgggtgt	ttagcaagtg	1380
gattcttgag	gtgaagtatg	aatcaaaagg	caacagaatt	gggagaatac	caaggggtgg	1440
gtgaatgttg	gggaaacctc	cagtctcaca	gagcagcgag	gtccacaggc	caatgaaatt	1500
tgatggtaaa	gcgtttactc	cctggtaggt	ccagagaaaat	gaaggcaggg	gtgagttttc	1560
attaagataa	gtgttatatt	gaagtgtatt	gatttgaaat	gctgcccttt	attgtncnaa	1620
ttccaccgca	ctatacagta	gttgcgatan	tccgagagtt	acggtctctn	nnnaaannct	1680
ggccctct						1688

<210> 2058
 <211> 434
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(433)
 <223> similar to gi488551 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2058	
taaaaccttc	aaccgcaaag acgcacttgt tctacaccag aggattcaca ctggagaaag 60
gccttacgag	tgcagcaaat gtggtaaaac cttcagtgtt ctgtctaccc tcattcggca 120
ccggaaaagt	gacattggag aaaggcccta tgagtgtgca gaatgtggga agttctttaa 180
atacaataat	agcttcattc ttcaccagag agttcacact ggagaaaggc cttttgaatg 240
caagcaatgt	gggaaaggct acgtgacccg ttcaggcctc tatcagcact ggaaagtcca 300
cactggggaa	cggccctatg aatgtagcct gtgtgggaaa accttcacta ccagatccta 360
ccgcaatcgg	caccagcagt tccacactga agagaggtct tatgaatgta cagagtgtgg 420
gaaagccttc	aaac 434

<210> 2059
 <211> 483
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(345)
 <223> similar to gi4589536 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2059

tgaaatatgg	ggcagatcct	tcattaattg	atggagatgg	atgtagctgt	attcatctgg	60
ctgctcagtt	cggacatacc	tcaattgttg	cttatctcat	agcaaaaagga	caggatgtag	120
atatgatgga	tcagaatgga	atgacgcctt	taatgtgggc	agcatataga	acacatagtg	180
tggatccaac	tagattgctt	ttaacattca	atgtttcagt	taaccttggg	gacaagtatc	240
acaaaaacac	tgctctgcat	tgggcagtg	tagcagggaa	taccacagtc	attagccttc	300
ttctggaagc	tggagcta	gttgatgccc	agaatatcaa	ggcaatcctt	aggtgtcaca	360
tggccctcta	gtggaaggga	tgctcagctg	gaccgaggca	actgcaggat	attccccggg	420
agttgttacc	caagggattg	cttttattca	gggcgaatca	gcacttttctt	ggcaaaaaaa	480
aaa						483

```

<210> 2060
<211> 1299
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (97)...(1258)
<223> similar to gi3986770 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2060						
gaagagggtcc	agttctttgc	aaacaccagt	gggtccttcc	tgtgtgttta	tagtttgaat	60
tccttcaact	acaccacag	tccaaaagca	gactcactgt	gtcccaggct	accagttcct	120
ccaagcaagt	catttccctt	atttaaccga	tgtgtccctc	aaacacctga	gtgctactcc	180
ctatttgc	ctgttttgat	aaatgatgtt	gacaccctcc	accgaattct	aagtggaa	240
atgtcgggaa	gagatacaat	ccttggcctg	tgtatcctcg	cattagcctt	gtctttggcc	300
atgatgttta	ccttcagatt	catcaccacc	cttctgggtc	acattttcat	ttcattgggt	360
attttgggat	tgttggtttg	ctgcggtgtt	ttatggtggc	tgtattatga	ctataccaac	420
gacctcagca	tagaattgga	cacagaaagg	gaaaatatga	agtgcgtgct	ggggtttgct	480
atcgtatcca	caggcatcac	ggcagtgctg	ctcgtcttga	tttttgttct	cagaaagaga	540
ataaaattga	cagttgagct	tttccaaatc	acaaataaag	ccatcagcag	tgctcccttc	600
ctgctgttcc	agccactgtg	gacatttgcc	atcctcattt	tcttctgggt	cctctgggtg	660
gctgtgctgc	tgagcctggg	aactgcagga	gctgcccagg	ttatggaagg	cggccaagtg	720
gaatataagc	ccctttcggg	cattcggtag	atgtgggtcgt	accattta	tggcctcatc	780
tggactagt	aattcatcct	tgcgtgccag	caaatgacta	tagctggggc	agtggttact	840
tgttatttca	acagaagtaa	aaatgatcct	cctgatcatc	ccatcctttc	gtctctctcc	900
attctcttct	tctaccatca	aggaaccatt	gtgaaagggt	cattttta	ctctgtggtg	960
aggattccga	gaatcattgt	catgtacatg	caaaacgcac	tgaaagaaca	gcatggtgca	1020
ttgtccaggt	acctgttccg	atgctgctac	tgctgtttct	ggggcttga	caaatacctg	1080
ctccatctca	accagaatgc	atatactaca	actgctatta	atgggacaga	tttctgtaca	1140
tcagcaaaag	atgcattcaa	aatcttgtcc	aagaactcaa	gtcactttac	atctattaac	1200
tgctttggag	acttcataat	ttttctaaga	aagggtttaa	gggtgtgttt	cactgggttt	1260
ggaagaactc	aatgctttta	actacaatcg	gcatttcag			1299

<210> 2061

<211> 393
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(169)
<223> similar to gi3319326 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2061
aatccttctg ctttcaatat ttactgtaat gtacgccatt gcgttctgga atggcagaaa 60
aaggaaatat cattggcagc cgcatactag aactctgtgc agagtggaga atcagatagt 120
gatgaagaag aggaatccaa agagccccct atcaagcttc caaaggtaag ccactgagtt 180
ctattaatat ttagatgtgt aacctgcagg tgttctggct ataatgcata tatacgcat 240
gctaaaatac tttgctttat gtaaaattgc aactaaaaa taacacgggc ttatgggcaa 300
aaatagattt ggagcagaaa aggaaaactc tgcaacttta taactaaggt gctaacaaag 360
tcaataattg ataattcact ggaaagcgca gga 393

<210> 2062
<211> 1207
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(426)
<223> similar to gi2773363 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2062
ttctgatcat gtcactggca aggcaatgct tacgtcactt ggccctgaagt tgggggatcg 60
tgttggtatt gcaggacaga aggttggtag attaatgatt tgtggaacaa ctgaatttgc 120
aagtgggcag tgggctggca ttgaactgga tgaaccagaa ggaaaaaata atggaagtgt 180
tggaaaagtc cagtacttta aatgtgcccc caagtatggt atttttgcac ctctttcaaa 240
gataagtaaa gcaaaaggtc gaaggaagaa tataacacac actccttcta caaaagctgc 300
tgtacctctc atcagggtccc agaaaattga cgtagctcat gtgacgtcaa aagtaaatac 360
tggattaatg acatcaaaaa aagatagtgc ttctgagtca acactttcat tgccctctgg 420
tgaagaactt aaaactgtga cagagaaaga tgttgccctg cttggatctg tcagcagctg 480
ctcctctaca tcttcttttg aacacagaca gagctacccc aagaaacaga atgcaatcag 540
cagtaacaag aagacaatga gcaaaagccc ttccctttca tccagagcca gtgctggttt 600
gaattcctca gcaacatcta cagcaataa tagccgttgc gagggggaac tccgcctcgg 660
agagagagtg ttagtggttag gacagagact gggcaccatt aggttctttg ggacaacaaa 720
cttcgctcca ggatattggt atggtataga gcttgaaaaa ccccatggca agaattgatg 780
ttcagttggg aggtgttgca gtatttttagc tgttctccaa gatattggaat atttggctcc 840
cccatccagg ggtgcaaaga gtaacagatt cccggggata ccctttcaga aatttcttca 900
aataaacaga accattctta tcttggggtt taggagaagt ttagcacaa cttctgcttc 960

ttcccaaaag	gagattaaca	gaagaaatgc	tttttccaag	tgagtattaa	gaagatttag	1020
aaaaacacct	ttcaagatga	acatgatggg	attctgtgaa	gaaagaaaag	tggagtgtctg	1080
tatcttttgc	attgcttggt	agagttttaa	cacgtaggag	aaaagggtgtg	ataagtgtat	1140
tgagaagcgt	acttcctccc	tcctttgcaa	gcgcaattaa	aatgaaacc	agtgactaaa	1200
aaaaaaa						1207

<210> 2063
 <211> 556
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(557)
 <223> similar to gi4091819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2063						
gcgggcagca	ccacgtgct	gtgccgcgac	gggcccggct	tttaccgcga	ccagagcctg	60
cacgcctggc	accgggacac	ggacgtgag	gccctggagc	tggacggccg	gccccacctg	120
ctgctggcct	cggcttccca	gcggcccgtg	ctcttccact	ggaccggtgg	ccgcttcgag	180
agacgcacgg	acatccccga	ggccgaggat	gtctatgcca	cacgccactt	ccaggctggt	240
ggggacgtgt	tcctgtgcct	cacacgctac	attggggact	ccatgggtcat	gcgctgggac	300
ggctccatgt	ttcgtctgct	gcagcaactt	ccctgcgcgc	gtgcccacgt	cttccagcca	360
ctgctcatcg	ccagggacca	attggccatc	ctaggcagcg	acttcgcctt	cagccaggtc	420
ctccgccttg	agcctgacaa	ggggctcctg	gagccactgc	aggagctggg	gcctccggcc	480
ctggtggccc	cccgtgcctt	tgcccacatc	actatggccg	gcagacgctt	cctctttgct	540
gcttgcttta	agggcc					556

<210> 2064
 <211> 517
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (162)...(268)
 <223> similar to gi5257201 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2064						
tgtatttcct	cccatatctg	actgtttggt	tccaatcttt	tgactgcttt	cttgctttta	60
atgcctttat	ctttgcttat	ttgaattagg	tacttctctg	ctacctttca	cctgctcttt	120


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<400> 2066
ctgccaatg agtgagttgg ccgaaaagca ggggtcagag gtcacagatc ccacagccaa    60
ggctgaggca cagtcctgca cctggatgtt caagcccaa cctgtggaca ggccagtggg    120
ctccagggag cagcacctgc aggttagcca ggtcccggt ggggaaagac agacagacag    180
acacgtcttt gagaccgagc ctcttcaggc ctccaggcgt ccctgtggaa gacggcctgt    240
gagatactgc agccgcgtgg agatcccttc agggcagggt tctcgtcaga aagaggtttt    300
tcaggccctg gaggcaggca agaaggaaga acaggagccc cgggtaatcg ctgggtccat    360
ccccgcgggt tctgtccaca agttcacttg gctttttgag aattgtccca tgggctccct    420
ggcagctgag agcatccaag ggggcaacct cctggaagag cagcccatga gcccctcagg    480
caacaggatg caagagagcc aggagactgc agctgagggg accctgcgga ctctgcatgc    540
cacacctggc atcctgcacc atggaggcat cctcatggag gcccgga                    586

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<210> 2067
<211> 553
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(543)
<223> similar to gi4589628 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 2067
ccacaagatg ctggtcaggg agaccggagt ccactctctg ctcatgacc cactcactca    60
gcgcgacgca gggacctata agtgcacgca taccaacaaa accgggcaga attcttttag    120
tctggagctc tctgtagtag ccaaagaggt gaagaaagca cctgtgatcc tggagaaact    180
acagaactgc ggtgttcccg aaggccaccc cgtgagactg gagtgccgcg tgataggcat    240
gccccacact gtgttctact ggaagaaaga caatgagacc atcccttgca ccagagagag    300
gatcagtatg caccaggaca caacagggtg tgctgcctt ctcatcagc cagccaagaa    360
atcagacgct ggatggtaca cgttgtcagc caagaatgaa gccggcatcg tgtcgtgcac    420
tgccaggctg gatataatcg ctcagtggca ccatcagatc ccaccgcca tgtctgtccg    480
gcccagtggc agtcgctacg gatctctcac cagtaaagga cttgacatat tttctgcctt    540
ttcctccatg gaa                                                    553

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<210> 2068
<211> 477
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (126)...(477)
<223> similar to gi3193306 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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094875 0160

<210> 2069

<212> DNA

$\langle 220 \rangle$

$\langle 222 \rangle$ (15) ... (478)

<210> 2070

<212> DNA

1224

<220>
 <221> misc_feature
 <222> (4)...(309)
 <223> similar to gi300249 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2070
 cgcaagttct tagcgtgctg gagccaggac tggtttctgc ggggtgttcaa ctttgactca 60
 gtggagctgc acggtacgat gaaaagctac tttgggggct tgctgtgtgt gtgctggagc 120
 ccggatggca agtacatcgt gacagggtggg gaggacgact tggtgacagt ctggtccttt 180
 gtgactgcc gagtaatagc cagaggccac gggcacaagt cctgggtcag tgttgtagcg 240
 tttgacctt ataccactag tgtagaagaa ggtgacccta tggagttag tggcagcgat 300
 gaggacttcc aagaccttct tcattttggc tgagattgag caaatagtag acagttcagg 360
 ctctccaaac ggaattttac gtacagtcgc cccgttagtg tcaactgatct gttttgtgtt 420
 ctttggctat taatcactta tttttatttg tgtttttttt tatcattttc atttttcgtc 480
 ttcgcttctt gtcagagttc tttttttctc ttttgttctt ttct 524

<210> 2071
 <211> 430
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (40)...(179)
 <223> similar to gi5902181 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2071
 ggaggaatgg actcttccca gcatctttct gctcttcagg atgagcggca ccattcggtc 60
 ctcatgtccc tgctctgtgc ccatctgggg ctgagcccca aggacatagt ggagatggag 120
 ctctgccttg cagacacca gcctgcggtg aggactggct gtaggaacct gtgggtgaag 180
 ggctccagg atcctggcca cccctagccc gtcctgctga agcaccatc acctccacca 240
 agccctcagt aactctcatc cccgtttttc ccagtagaca catccccac tgcttctagg 300
 gcggtgggtc tcaaaaagac aagttcccta cccagacct gccactagg actatctggg 360
 aattggccct ttttacagat tcccgaagag tttcttctac aggtgggccc tgtctgcttt 420
 gaccacact 430

<210> 2072
 <211> 706
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (13)...(707)
 <223> similar to gi2116552 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2072

gcggtggaat	tccgggttcc	ccgttctggt	tcggcatatc	tctacagcta	tgctactgtg	60
ggtgaactct	gggccttcac	cactggctgg	aacctcatcc	tctcctatgt	cattggtaca	120
gccagtgtgg	cccgggcctg	gagctctgct	tttgacaacc	tgattgggaa	ccacatctct	180
aagactctgc	aggggtccat	tgactgcac	gtgccccatg	tccttgcaga	atatccagat	240
ttctttgctt	tgggcctcgt	gttgctgctc	actggattgt	tggctctcgg	ggctagttag	300
tcggccctgg	ttaccaaagt	gttcacaggc	gtgaaccttt	tggttcttgg	gttcgtcatg	360
atctctggct	tcgttaaggg	ggacgtgcac	aactggaagc	tcacagaaga	ggactacgaa	420
ttggccatgg	ctgaactcaa	tgacacctat	agcttgggtc	ctctgggctc	tggaggattt	480
gtgcctttcg	gcttcgaggg	aattctccgt	ggagcagcga	cctgtttcta	tgcatttggt	540
ggtttcgact	gtattgctac	cactggagaa	gaagcccaga	atccccagcg	ttccatcccg	600
atgggcattg	ggatctcact	gtctgtctgc	tttttggcgg	attttgctgt	ctcttctgca	660
ctcaccctga	tgatgcctta	ctaccagctt	cagcctgaga	gccctg		706

<210> 2073
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (51)...(419)
 <223> similar to gi3851202 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2073

ggaggctgga	ctgagccagt	gtgcttggga	aagagactgg	cttttccctt	tcagagttgc	60
ccagggaag	cagctatgac	atctacagag	tgcccagcag	tcagagcatg	gaggatcgtg	120
ggtacagccc	cgacacgcgt	gtggtccgct	tcctcaaggg	caagagcatc	gggctgcggc	180
tggcaggggg	caatgacgtg	ggcatcttcg	tgtccggggg	gcaggcgggc	agcccggccg	240
acgggcaggg	catccaggag	ggagatcaga	ttctgcaggt	gaatgacgtg	ccattccaga	300
acctgacacg	ggaggaggca	gtgcagttcc	tgctggggct	gccaccaggc	gaggagatgg	360
agctggtgac	gcagaggaag	caggacattt	tctggaaaat	ggtgcagtcc	cgcgtg	416

<210> 2074
 <211> 585
 <212> DNA

<210> 2076
 <211> 852
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (49)...(658)
 <223> similar to gi157409 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2076
 ggcttccatc ctaatacgac tcactatagg gctcgagcgg ccgcccgggc aggtgctggg 60
 tcgtttgtgg gcgaagtaag tgctgtagat aaagactttg ggccaaatgg agaagtaagg 120
 tattcttttg aaatggtgca gccagatttt gagttgcatg ccatcagtgg ggaaattaca 180
 aatactcatc agtttgacag ggagtctctt atgaggcgga gagggactgc tgtgttttagc 240
 ttacagtca tagcaacaga tcaggggatc cctcagcctc tcaaggatca ggccactgta 300
 catgtttaca tgaaggatat aaatgataat gctcccaaat ttttaaaga cttttaccaa 360
 gctacaatat cagaatcagc agccaatctg acacaagtgt taagagtatc tgcctcagat 420
 gttgatgaag gtaataatgg acttattcac tattctataa taaaaggaaa tgaagaaaga 480
 cagtttgcta tagacagtac ctctggtcag gtaacactaa ttggcaaatt agactatgaa 540
 gcaacacctg cctattccct tgtaattcaa gcagtggatt cagggacaat cccctcaat 600
 tcaacgtgta ctttaaatat tgatatttta gatgaaaatg acaatacccc tttctttccc 660
 taaatcaaca cttctttgtt gatgttttgg gacattgctg aattggtgaa ctcggggcct 720
 ctggtactgc aactgattcc cgattcaggt gacattgctg atttatatta caagtttact 780
 gggactaaac acccccccg g aacttttagc attagcccca aacacttggg agtatttttc 840
 ttggcccaaa aa 852

<210> 2077
 <211> 416
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (147)...(377)
 <223> similar to gi487836 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2077
 ttctgtaagc ttccccgggt gtcggcggca ggtggaatth ccacgcttta tctgcgcctg 60
 cgccgcgcgg gattcgcggt ccgagctgaa gaggttcgcg gtccgggttc acttctccga 120
 accctgaggc agtgtgtgaa gctgggacgc cagccatgth ccagaccgct tggcgccagg 180


```

aaccagtgc ctttgaggat gtggctgtgt acttcaccca gaatgaatgg gccagcctgg      240
actctgtgca gagggccctg tacaggggaag tgatgctgga gaattatgca aatgtggctt      300
ccctggcatt cccattcacc acgcctgttc tggctctcca gctggagcaa ggggaactgc      360
catggggcct cgatccctgg gaacctatgg gcaggagggc tctcagaggt atctgg          416

```

```

<210> 2078
<211> 361
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(364)
<223> similar to gil054940 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2078
ctggtgattg ctatgacctg tatggagggg agaagtttgc cactttggct gagttggtcc      60
agtattacat ggaacatcat gggcaattaa aagagaagaa tggagatgtt attgagctta     120
aaaatcctct gaactgtgca gacacctactt ctcaaagggtg gtttcatgga cacctctctg     180
gaaaagaagc agagaaattg ttaactgaaa aaggaaagca tagtagcttt cttgtacgag     240
agagccagag ccaccctgga gattttgttc tctccgtgtg caccggtgat gacaaaggag     300
agagcaatga cggcaagtct aaagtgactc atgtcatgat tcactgtcag gaactgaaat     360
c

```

```

<210> 2079
<211> 416
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (5)...(418)
<223> similar to gi50675 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2079
tttcgtcaaa gggcacctgc ccaagctgca gatgccaggt ttcaagggtc ccaaagtgga      60

```

cctcaagggc	cccgaatatag	acatcaaggg	ccccaagctg	gacctaaaag	acccaaggt	120
ggaagtgaca	gccctgatg	tggaggtgtc	tctgccagc	gtggaggtgg	acgtcaaggc	180
cccaggagcc	aagctggatg	gtgcgcggct	ggagggggac	atgtccctgg	ccgacaagga	240
cgtgactgcc	aaagacagca	agttcaaaat	gccaagtgc	aagatgctct	cgtttggggt	300
gtctgcccct	ggcaagtcca	tcgaggcctc	agcggatgtg	tctgcgctga	aggtggaggc	360
cgacgtgagc	ctcccctcca	tgcaggggga	ccttaagacc	actgacctca	gcgttn	416

<210> 2080

<211> 579

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(581)

<223> similar to gi5821434 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2080

actacttaaa	caaaccacag	gtgatgaagt	tttaataatt	caagataaat	tggaagccat	60
taaagcaagg	tacaaagaca	ttactaaact	gagcactgat	gtggccaaga	ctctggaaca	120
ggcgctgcag	cttgcaaggc	ggctgcactc	cacacacgaa	gagctgtgta	cctggctgga	180
caaagtggag	gtggaattac	tttcatatga	aactcagggt	ctgaaaggag	aagaagcaag	240
tcaagcacaa	atgagaccaa	aggaactgaa	aaaggaagct	aagaacaaca	aagccttact	300
ggactccctt	aatgaagtga	gcagtgcctt	gctggaactg	gtacatgga	gggcaagaga	360
aggacttgag	aaaatggtag	ctgaggacaa	tgagcgctac	cgattagtga	gcgacaccat	420
cactcagaag	gtggaggaga	tcgatgcagc	cattctgcga	tcacagcagt	ttgaccaagc	480
agctgatgct	gagttatcct	ggattactga	aacagaaaaa	aaattgatgt	ctctgggtga	540
catcaggcct	gagcaagacc	agacttctgc	tcagcttca			579

<210> 2081

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (9)...(155)

<223> similar to gi2224639 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2081
acgagcgtgg aggcgcgcag gtaaatgcta cagatgaaat caagcgagag attatccatc 60
agttgagtat caagcctatg gctcatagtg aattggtaaa gtctttacct gaagatgtaa 120
gtacctacat ttctaaaaag aaaaccatag aaacttttcc ctgcctatca gtctagtatc 180
tatagattta cttctgtata cttttctcac aattgtaaaa tctattgtca tgggatgtgt 240
ataattccgg ccactcttat tatgaataat tagaaaaaga gaataggagt agaaaacaga 300
atagtaatag aatcttttac aataaagcct tgaggaagat aaggacacta aacaaaaagt 360
agcccaaacc tcagaactaa ggtttgtagc ccacagaaag aggtcattat agggctctta 420
gtacaaagtt gctatgggtg tggataatgc tttgtaacct agtatattga ggaagggagt 480
cagaagtgcc tactcaccta tactgagtag aataaataat gttttcctaa gctttttcct 540
tcttggcctc cagagagtct tcttaatgac gagcccttgt ttcatttttag tgaatgcaaa 600
ataatagtga aaaggacatt catagggttaa attgcaactg tttttccttc caggggtgat 660
aagttcccca gcaacctata ttccagccat ggggtttttc agaaactcaa cccttataat 720
tgagaagaga ctttattttc attgaggcct ttcaaaatgt ttgccctaatt ttgaaacata 780
gatcanaacc ttca 794

```

```

<210> 2082
<211> 591
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (4)...(591)
<223> similar to gi57671 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2082
tctctgtacc gaaatgccct gggcagccgg ggggtgaagc tgctctgtca aggactcaga 60
caccccaact gcaaacttca gaacctgagg ctgaagaggt gccgcattct cagctcagcc 120
tgcgaggacc tctctgcagc tctcatagcc aataagaatt tgacaaggat ggatctcagt 180
ggcaacggcg ttggattccc aggcattgat ctgctttgag agggcctgag gcatcccaaa 240
tgagggtgag agatgattca gttgaggaag tgcagctgag agtccggggc ttgtcaggag 300
atggcttctg tgctcgccac caaccacat ctgggtgagt tggacctgac aggaatgca 360
ctggaggatt tgggcctgag gttactatgc cagggactga ggcacctgac ctgcagacta 420
cggactttgt ggctgaagat ctgccgcctc actgctgctg cctgtgacga gctggcctca 480
actctcagtg tgaaccagag cctgagagag ctggacctga gcctgaatga gctggggggac 540
ctcgggggtg tgctgctgtg tgagggcctc angcatccca cgtgcaagct c 591

```

09427-01

```
<210> 2084
<211> 2483
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (341)...(556)
<223> similar to gi5824417 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1232

gacagtgcaa	tttctagtag	cacagagtag	ttctgaagaa	atgtttttatc	aacttagtag	660
catgcttccc	cagatcttcc	gagtagcatc	aacactcact	ctgacatcca	agcactaaac	720
ccttatagat	tgacatgctg	gcagaagatg	attgttaaac	tctccaggaa	cttgtgctat	780
gctgggaatc	tgtcaagcaa	aagatgccc	gaaagagaac	ttgcagctca	atccacaaat	840
caagatacat	gtgtgtgaaa	cccattccaa	aaattttatat	actggcacaa	actggtggat	900
caacccttaa	cttaaact	taaagtctct	ttatgaattt	ctcttttttt	cttctctgtg	960
ttacctgtgg	aattattagg	aatctaaaac	ttttatttta	ttcacacagg	gacacttggg	1020
gggaaaggga	aacttgatta	tattttacatg	ggagggcatt	tgactttttt	caaggaggggc	1080
ttggacttcg	tcttcaggtg	gcaatcctta	attaaacata	caaacaaaat	tttccttttta	1140
ctttcttttg	caaaacaaa	tgtaaaagca	ctgaaatata	cattgcaagt	acaaatttcc	1200
tgtgaaaatc	tttttataga	aacacaaatg	tataagacaa	atgtgcttgt	tcttttaa	1260
tctcctgttt	cagaatctct	ttttaatcta	ctcctaagga	tgtacaagtt	agagtcagaa	1320
gacgttttgg	attttttccc	tctctctcat	cctcccgtg	tgcccttgca	cttgcattat	1380
aataacattt	catggactgg	gaaatagtgt	tcttttttgc	aagcttgatg	tcaagttagt	1440
ctaaaccagc	acctggcagt	attttagtgc	tcatcaacat	tgtgacaatc	acacaaggaa	1500
gatcatttct	acatttctgt	cctccctgcg	ttctcagctt	gcttaaccat	tcctctacct	1560
cttgcatttt	tttgcgata	aatgtatccc	catttctgct	tctctgtttc	ccctcctttt	1620
ccattgtttt	tccttatgg	actactttct	caggtgctac	atatcatata	tttgtcccat	1680
ctataacata	tttaaatgct	ataagtagta	actccattaa	acaaaggcat	ttacaaaagc	1740
acacaggtgt	ttagaaaagc	aatagtttca	tcaattccaa	gttatgtgga	tattgtaact	1800
ggccacaaga	atgaaatgga	gggcatttgg	tgtcataaga	tgcatgtct	tgatgacaag	1860
aaacaaaacg	cccttcatta	atatgcctca	gtgtaataac	tattatagaa	actgttggca	1920
agcagagtgc	tttcctataa	cagaatgtgt	cttaattttc	tacttgaggg	aaagggttgt	1980
ccaggtaaca	acactaaaga	caaccctaag	aacacccact	ccagcagtat	gtccattaga	2040
cactaaaact	ctccaaatta	tttgtcaggg	agcctggcga	ttctgccaa	aaggcagggtg	2100
ttttgccctt	agagcctata	cagttctctt	ggagaaattg	tctttcaggc	accactgtta	2160
atcactgaga	ctgattctaa	tgcaaagcag	ggaagacaga	ggcagaaacc	aggagagtgg	2220
tagatcagtg	cagcccagat	atcggaatgg	aggagcaaag	tttcattcac	ggatgtttgt	2280
tgaatgctgc	tgcccaactc	ttcctttgtc	acctctaggc	tattccacta	agttacttat	2340
aaactggttg	ctttaactga	gggctgtgta	aaggtagtat	ttggcatgtg	aagtcaggat	2400
aaattttatc	aatgtccgtt	ttccacatgc	aactgtgtta	cagaagtagt	aaaattggaa	2460
gaatcatgtt	tatggtgtta	cca				2483

<210> 2085

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (170)...(377)

<223> similar to gil477565 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2085

agagaaacag	cttcacactt	tttattttatt	cagaacgtgg	tgtacctttc	cagaatagca	60
gcttttagcct	cagttgagtt	atatgtgtca	atgccatttc	accataatga	gctaaatggc	120
tgatcagata	atataaaagc	actgtgttgt	gtggtgcata	acatttccac	atgtttatgt	180
tatgtttttt	tcagatcgcc	tgataggctt	gccagagggg	cgtgctcgca	atcacaatcg	240
accgcatcaa	atccctgtcc	tggctggagt	aatcattgaa	gatgtggcag	ttggagctga	300

```

acacacactt gctttggcat caaatggaga tgtgtatgcc tgggggagca attcagaagg 360
gcaggtaaat atttatatattg ctgctgctt tctcatattc tagaaatctc acagtgttcc 420
tcagttgggg aaagagataa gctaggaaat tcataatcta ctgcaatact ccaagcacat 480
cactttgcta tgggactgat tattttgtaa gtctagtatt gtctttctct ctcgactgcg 540
gccaaagaag tattatacca tggtttaaaa caattctggt agtacagcaa agtgattaag 600
gggattggct gagtatattat gtgtgtgtcc tcatacactg ttaagtgcct ggcatgtagt 660
aagctgcagt atgtaaggat ttgctactgt caacattatc atcattacta cagcaagatg 720
tgagattagg tcctgggaac atcagttgat atgggaaaaa gaatgaaaca ataatatattt 780
tatattttat aatatgatgg catacaaagt atcttttaggt ttttgagga agtcttgtca 840
ctcccattat ttataggatt aaactgagcc tctgagatac tgataagaga ctcaagaggt 900
tgatgtattc accctcctct atttatgaag gagggagaga ccttggtgtg agatgtctga 960
aatgctatga cggtgacttt tagcttcaca tgcagagcc 999

```

```

<210> 2086
<211> 742
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (241)...(743)
<223> similar to gil695696 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2086
acacctgacg taccggaccg gaattccccc ccgacccacg cgtccgccgg ccagtccctc 60
cccatttcgc agttctactc ccacgggtgg ctgatggccg accacttgcc aggaaggatg 120
cggcccaaca ccagctgccc ggtaccaatc aaagtctgcc ctgctcacc ccccttgagg 180
accaggacca ggacttccag ctctgtctct tcctattcct acgcggagga cgggagcggg 240
ggctcaccct gcagcctccc tctctgtgag ttctcctcct cgccctgttc ccagggagcc 300
agattccttg ccacagaaca tcaggaacca ggctgatgg gagatggaat gtacaaccaa 360
gtgcggcccc aaattaaatg tgagcagtct tatggaacca actccagtga cgaatccgga 420
tcgttctcgg aagcagacag tgagtcgtgt cctgtgcagg acaggggcca ggaggtaaaa 480
cttccttttc ctgtagatca aatcacagat cttccaagga acgatttcca gatgatgatt 540
aaaatgcaca agctaacctc agaacagtta gagtttattc atgatgtccg acggcgagc 600
aagaaccgca tcgcggccca gcgctgccgc aaaaggaaac tggactgtat tcagaattta 660
gaatgtgaaa tccgcaaatt ggtgtgtgag aaagagaaac tgttgtcaga gaggaatcaa 720
ctgacagcat gcatggcgga cg 742

```

```

<210> 2087
<211> 398
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (4)...(399)
 <223> similar to gi4650844 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2087
 aagaattttc ctgaagtggg acagcatgaa gagttcattc ttctgaggca aggagaggtg 60
 gaaaagctaa tcaagtgcga tgaaattcag gtggatcctg aagaaccagt ctttgaggct 120
 gtcatacagtt ggggtgaagca tgccaagaaa gagcagaaaag actccttgcc cagcctgcta 180
 cagtatatgc agatgcccct gctaaccctc aggtatatca cagatgtaat agatgctgag 240
 cctttcatcc actatgggtt acaatgcagg gatctgggtg atgaagcaaa gaagtttcat 300
 ctgaggcctg aacttcagag tcagatgcag ggacccagga caagggctcg cctaggagcc 360
 aatgaagtgc ttttggtggc tgggggcttc ggaagcca 398

<210> 2088
 <211> 366
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (9)...(369)
 <223> similar to gi4337015 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2088
 caagcatcct gcccgccttg ctggtgacca tctgatctt catggaccag cagatcactg 60
 ccgtcattgt caaccggaag gagaacaaac tgaagaaggc tgccggctac catctggacc 120
 tggtctgggt gggcatcctc atggctttgt gtccttttat ggggctcccc tggtagctgg 180
 ctgccacggt catctccatc gccacatcg acagcctcaa gatggagaca gagaccagtg 240
 cccctgggga gcagccccag tttctgggag tcaggggaaca gagagtaacc ggcatactcg 300
 tcttcatcct gacgggaatc tctgtcttcc tggctcccat cctaaagtgt atccccctgc 360
 cggtgc 366

<210> 2089
 <211> 574
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(576)
 <223> similar to gil789001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2089
cggcgcttca cgcgtagagg caggcagtg cgaatggaatg ctcattgatg gtggtagcca 60
gatagtaaaa gttcaagggc acgctgatgg tacaacgata aataagtctg gctctcagga 120
cgtagtacaa ggaagtctgg caacgaacac aaccataaat ggtggtcgcc agtatgttga 180
acagagcaca gtagaaacaa caaccattaa aaatggcggg gagcaaagag tatatgagag 240
ccgtgcgctg gacacgacga ttgaaggcgg aactcagtct ctgaatagta agtcaacggc 300
aaaaaatacg catatctatt ctgggtggcac gcaaattgtt gataacacca gcacctcgga 360
tgttattgaa gtttattctg gtggcggtgct tgatgttagg ggtggtacgg caacaaatgt 420
taccagcac gatggtgcaa ttttaaaaac taacactaac ggtacgacgg tgagcggtac 480
gaatagttaa ggtgcattct ccatccacaa tcacgtggca gacaatgtgt tgctggaaaa 540
cgggtggtcat ttagacataa acgcatatgg ttcg 574

```

```

<210> 2090
<211> 575
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (50)...(574)
<223> similar to gi4153862 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2090
cccacgcgtc cgggcatttc gagagggatc ccggaagtcc ttgcggatga agaattctcc 60
ctctgaagca cagaatttag atgagaatac aactgagggc tgggaaaatc ggataagact 120
atggactgac cagtatgaag aagctttcac taatcagtag agtgcagatg tacagaacgc 180
gcttgaacaa cacctacatt ctagcaagga atttgtgggc aaacctacta ttttagacac 240
tattaataag actgaattgg cctgtaataa cacagttatt ggttcccaa tgcagttaca 300
gctgggaaga gtcactcgtg ttcaaaaagca ccggaagatc ctgagggctg caagagattt 360
ggctttggac actcttataa tagagtatcg tgggaaagtc atgttacgac agcaatttga 420
ggtcaatggg catcttctca aaaaaccata cccctttgtg ctcttctact caaaattcaa 480
tggtgtagag atgtgtgtgg atgcccgtac tttcggtaat gatgctcggg tcatcagaag 540
atcatgtaca ccaaatgcag aggtgcgaca catga 575

```

```

<210> 2091
<211> 439
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```


<222> (193)...(440)
 <223> similar to gi3790173 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2091
 aatagagaag gtgccagaaa gatccaaaac aagtggctgc ggccgtcgcc caggagtcac 60
 cggacgccag aatctgtgtc tccagaacgc tatagctatg gcacctccag ctcttcaaag 120
 aggacagagg gtagctgccc tcgccgtcgg cagtcaagca gttctgcaaa ttctcagcag 180
 ggtcagtggg agacaggctc ccccccaacc aagcggcagc ggccggagtcg gggccggccc 240
 agtgggtggg ccaaacggcg gcggagaggg gcccagccg caccacagca gcagtcagag 300
 cccgccagac cttcctctga aggcaaagt acctgtgaca tccggctccg ggttcagaca 360
 gagtactgcg agcatgggccc agccttgag cagggcgtgg catcccggcg gcccgaagcg 420
 ctggcgccgc aacttgacg 439

<210> 2092
 <211> 788
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (539)...(781)
 <223> similar to gi4689221 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2092
 ggcggcggcg tttgagtggg ggaagatggc ggctccgggc ggctcggggc cccgccagct 60
 gtgaggagcc ccgagcacgg ctgtcgcggc ctgaggcaga gcgcctctgc tctggccctg 120
 tccctggctc cctcattacc gtcgccagcg gagcgaaccc gagagcgtgg agcgggctgg 180
 gccagctggt gagtggaaatg tcatggccag ctccctcggac agtgaagatg acagtttcat 240
 ggctgtggac caggaagaaa ctgtgctgga agggacaatg gatcaaatg aggagcccca 300
 cccagtattg gaggctgagg agactagaca taataggtcc atgtcggagc tgccagaaga 360
 ggttttggag tatatcctgt cttttctctc accgtatcag gaacacaaaa ctgcggccct 420
 tgtctgcaaa cagtggatc gacttatcaa aggtgtagcc catcagtgtt atcatggttt 480
 catgaaggct gtccaggaag gaaacattca gtgggagagc cgtacctatc cttatcctgg 540
 aacccaatc actcagcgt tctcgcacag tgcatgctat tatgatgcta atcagtctat 600
 gtatgtgttt ggaggctgta cccagagcag ctgcaatgct gctttcaatg acctctggag 660
 acttgacctt aacagcaaag agtggatccg acctttggct tcagggctct atccttcccc 720
 caaagctgga gcaactctgg tcgtgtacaa ggacttgcta gtgctgtttg gtggctggac 780
 gcggccag 788

<210> 2093
 <211> 929

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (69)...(830)
<223> similar to gi3688607 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2093
atttgataac cgtagtatat ctctgtacgc gagccggaat tcccgggtag acgatttcgt 60
gcccgcacctt cccacctgcc gccatgggtgc ccagccaggc cccttacctc gtcccagctt 120
ttcccctccc agccgcgacc tcacccggaa gagaatacgc agcccccgga actgcaccgg 180
aaggcctgca tgggcgcgcc ttgtccgagg gcttgcagcc ttaccagct ttcccttttc 240
cttacttgga tacttttatg accgttttcc tgctgaccc ccctgtctgt cctctgttgt 300
cgccatcatt ttggccatgt ccattcctgg gggcgacagc ctcttctgcg atatcacctt 360
caatgtcgtc agcaatgagt ccaactctgg acccaccctt ttcagtcacc agccaaagga 420
gagaggagga aaagtgggag gcacaaagcg aggggcaccc gttcattact tcgagaagca 480
gctcacctt gcagttaaac ttacttcagg aagagatgcc cagaccctct gaatctccag 540
atcagatgag aaggaacacg tgcccacaaa ctgagtatca gtgtgttaca ggcaacaatg 600
gcagtgcagc cagtcctgct actaccggtg cactgtccac ggggtcacct cccagggaga 660
atccatccca tcctactgcc agcgctctgt ccacaggatc gcctcccatg aagaatccat 720
cccacctac tgccagcgct ctgtccacgg gatcgccctc catgaagaat ccatcccatc 780
ctactgccag cacactgtcc atgggattgc ctcccagcag gactccatcc catcctactg 840
ccactgttct gtccacgggg tcacctccca gcgaatcccc atccagaact gggttcagcag 900
catcaggaag cagcgacagc agttgtatt 929

<210> 2094
<211> 1050
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (140)...(635)
<223> similar to gi60394 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2094
tttcgtgccc gggcagcggg ggagcagcga gcgggcttcc gcgagccgga gaaggcacag 60
gcctgtcccg ggtcccggca ggtctgcgcg tctgttccca gcgctctgcg aggcctaaaa 120
aggaggagca acctgtccag aatccctgca ggacaggaaa aggaggggaa atctcgacat 180
ggaaaaaccc tacaataaaa atgaaggaaa cctggaaaac gagggaaagc cagaagatga 240
agtagagcct gatgatgaag gaaagtcaga cgaggaagaa aagccagacg tggaggggaa 300
gacagaatgc gagggaaaga gagaggatga gggagagcca ggtgatgagg gacaactgga 360
agatgaggga agccaggaaa agcagggcag gtccgaaggt gagggcaagc cacaaggcga 420
gggcaagcca gcctcccagg caaagccaga gagccagccg cgggccgccc aaaagcggcc 480

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ggctgaagat tatgtgcccc ggaaagcaaa aagaaaaacg gacaggggga cggacgattc 540
ccccaaggac tctcaggagg acttacagga aaggcatctg agcagtgagg agatgatgag 600
agaatgtgga gatgtgtcaa gggctcaaga ggagctaagg aaaaaacaga aaatgggtgg 660
ttttcattgg atgcaaagag atgtacagga tccattcgcc ccaaggggac aacggggtgt 720
caggggagtg aggggtggag gtaggggcca gaggggctta cacgatatcc cataccttta 780
atgccttttg ccttccattc tgatttctct gatgagaata ttgctggccc tgctttccct 840
ggtaggtatt tgccaggccc aatgctttaa ccttaagctg atactttgct ttagatgtca 900
gtctcgttac cagcagcctt ttgacccaac tacggcgctc tataatttag tagaggattt 960
tcacccatgt gcatggaaaa gatgttcatt gtacattgta aaaaaataaa attaaaaatta 1020
aaaaaagttt gcagaaccgc aaaaaaaaaa 1050

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<210> 2095
<211> 461
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (152)...(421)
<223> similar to gi2505957 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2095
gcgggtcggt gtggcaagct tctcttgtct ctgacggcct gtagttatgg ggcaggagcc 60
gcggacgctg ccgccctccc ccaactggta ctgcgcccgc tgcagcgatg ccgtgcccgg 120
gggcctcttt ggcttcgccg cgcggaacct cgtcttcctt gtccgcgtgg gcccgggcgc 180
aggcgagagt ccagggacac ccccgtttcg agtcatagga gagttggtgg gacacaccga 240
aagggtctct ggcttcacat tttctcatca ccctggtcag tacaacctct gtgccaccag 300
ctccgacgat gggactgtga aaatatggga ttagagagaca aaaacagttg tgacagaaca 360
tgactccat cagcatacga tatcaacatt acattggtct cctcgagtaa aggacttaat 420
agtatctggg gatgaaaaag gagtagtttt ctgttactgg g 461

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<210> 2096
<211> 1199
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(1052)
<223> similar to gil755049 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2096

tttcgtcagg	aatgaattaa	gcagcacagc	ccgagacgca	ccacataaaa	ggctgggaac	60
accagccagc	cgaagaaaagc	ccatttttgt	gtctgtcagc	ttagatgccc	ttgcccggac	120
tgctaaaagat	gcagctat	acagtggaca	gaaactgaag	gggtgaaaga	aaacccaaga	180
tgccagacca	gtttgaccag	gcggttgtgc	tgaaccagct	gcggtactca	gggatgctgg	240
agactgtgag	aatccgcaaa	gctgggtatg	cgggtccgaag	accctttcag	gactttttaca	300
aaaggtataa	agtgtgatg	aggaatctgg	ctctgcctga	ggacgtccga	gggaagtgca	360
cgagcctgct	gcagctctat	gatgcctcca	acagcgagt	gcagctgggg	aagaccaagg	420
tctttcttcg	agaatccttg	gaacagaaac	tggagaagcg	gagggaaagag	gaagtgtgagcc	480
acgcggccat	ggtgattcgg	gcccattgtct	tgggcttctt	agcacgaaaa	caatacagaa	540
aggtccttta	ttgtgtggtg	ataatacaga	agaattacag	agcattcctt	gtgaggagga	600
gattttttgca	cctgaaaaag	gcagccatag	ttttccagaa	gcaactcaga	gttcagattg	660
ctcggagagt	ttacagacaa	ttgtctggcag	agaaaaggga	gcaagaagaa	aagaagaaac	720
aggaagagga	agaaaaagaag	aaacggggagg	aagaagaaaag	agaaagagag	agagagcgaa	780
gagaagccga	gctccgcgcc	cagcagggaag	aagaaacgag	gaagcagcaa	gaactcgaag	840
ccttgcagaa	gagccagaag	gaagctgaac	tgacccgtga	actggagaaa	cagaaggaaa	900
ataagcaggt	ggaagagatc	ctccgtctgg	agaaagaaat	cgaggacctg	cagcgcatga	960
aggagcagca	ggagctgtcg	ctgaccgagg	cttccctgca	gaagctgcag	gagcggcggg	1020
accaggagct	ccgcaggctg	gaggaggaga	tttttgcacc	tgaaaaaggc	agccatagtt	1080
ttccagaagc	aactcaagag	gtcagattgc	tcggagagtt	tacagacaat	tgctggcaga	1140
gaaaaggagg	caagaagaaa	agaagaaaca	ggaagaggaa	gaaaagaaga	aacggggagg	1199

<210> 2097

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(384)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (16)...(177)

<223> similar to gi4186073 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2097

tttttctctt	ccatccagct	gactgatgat	cagggccccc	tcctgatgac	cactgtagcc	60
atgcctgtgt	ttagtaagca	gaacgaaacc	agatcgaagg	gcattcttct	gggagtgggt	120
ggcacagatg	tcccagtga	agaacttctg	aagaccatcc	ccaaatacaa	ggtaatgaat	180
gacctaatcc	ctgaaatcaa	agcaacagag	atgcccgag	ccttgttttc	acaaagttca	240
ggcttcaaac	tctactttgg	agcgatgttt	ttgtcacca	ctattacagc	ctgttagctt	300
gtctttatatac	catctgcaca	gttattttaa	aggnnnnnnn	nnnattattt	acaaggactg	360
gctgtttttc	ttatttacct	cct				383

<210> 2100
 <211> 527
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (203)...(421)
 <223> similar to gi3413830 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2100
 tttcgtgccc tgctccttcc tgagggttta gagattctcc ttaactccca gccatggatc 60
 ttggagaatt tcccccgaga tcagcaggag ggaaaagatg ccgttccacc atgtgaccgc 120
 cggcttggtg tacaagggga attacctcaa ccgatcgctc tctgctggca gtgacagcga 180
 acagctggct aatatctccg tggaggagct cgatgaaatc cgagaggcct ttcgggttct 240
 ggaccgggat gggaacggct tcatctccaa gcaggagctg ggcatggcca tgcgctcttt 300
 ggggtacatg ccaagcgagg tggagctggc catcatcatg cagcgcttgg acatggacgg 360
 ggatggccag gtggattttg atgaattcat gaccattctt ggccccaac tgggtgtcttc 420
 agaaggtcgc gatggttttc ttgggaacac gatagacagc atattctggc aggtgagtaa 480
 gaatatTTTT tttcagacta agtttgacag taaatgtgtc tgagact 527

<210> 2101
 <211> 2147
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (8)...(2149)
 <223> similar to gi2373395 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2101
 tttcgttaac ctaattggta ctggaacaag tgaacactgg gtcgatgatg aagggcccca 60
 gccaaagaaa ggaaaggctg aagatgaggc cttactctca gaagaagatg accccattga 120
 tcgacggcca tggacacagc agcaccttga agctgcagac atccgtagga caccatcgct 180
 ggctctcacc cctcctcagg cagagcagga ggtggatgtg ttagatgtga atgtccgtgg 240
 ccagatggc tgcaccccat tgatgttggc ttctctccga ggaggcagct cagatttgag 300
 tgatgaagat gaagatgcag aggactcttc tgctaacatc atcacagact tggcttacca 360
 ggggtgccagc ctccaggccc agacagaccg gactgggtgag atggccctgc accttgacgc 420
 ccgctactca cgggctgatg ctgccaaagc tctcctggat gcagggtgcag atgccaatgc 480
 ccaggacaac atgggcccgt gtccactcca tgctgcagtg gcagctgatg cccaaggtgt 540
 cttccagatt ctgattcgca accgagtaac tgatctagat gccaggatga atgatggtac 600
 tacacccctg atcctggctg cccgcctggc tgtggaggga atgggtggcag aactgatcaa 660
 ctgccaaagc gatgtgaatg cagtggatga ccatggaaaa tctgctcttc actgggcagc 720
 tgctgtcaat aatgtggagg caactctttt gttgttgaaa aatggggcca accgagacat 780

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gcaggacaac aaggaagaga cacctctgtt tcttgctgcc cgggagggga gctatgaagc 840
agccaagatc ctgttagacc attttgccaa tctgagacatc acagaccata tggatcgtct 900
tccccgggat gtggctcggg atcgcatgca ccatgacatt gtgcgccttc tggatgaata 960
caatgtgacc ccaagccctc caggcaccgt gttgacttct gctctctcac ctgtcatctg 1020
tgggccaac agatctttcc tcagcctgaa gcacacccca atgggcaaga agtctagacg 1080
gcccagtgcc aagagtacca tgcctactag cctccctaac cttgccaagg aggcaaagga 1140
tgccaagggg agtaggagga agaagtctct gagtgagaag gtccaactgt ctgagagtct 1200
agtaacttta tcccctgttg attccctaga atctcctcac acgtatgttt ccgacaccac 1260
atcctctcca atgattacat cccctgggat cttacaggcc tcaccaacc ctatgttggc 1320
cactgccgcc cctcctgccc cagtccatgc ccagcatgca ctatcttttt ctaaccttca 1380
tgaaatgcag cctttggcac atggggccag cactgtgctt ccctcagtga gccagttgct 1440
atcccaccac cacattgtgt ctccaggcag tggcagtgtt ggaagcttga gtaggctcca 1500
tccagtccca gtcccagcag attggatgaa ccgcatggag gtgaatgaga cccagtacaa 1560
tgagatgttt ggtatggtcc tggctccagc tgagggcacc catcctggca tagctcccca 1620
gagcaggcca cctgaaggga agcacataac caccctcgg gagcccttgc ccccatgtg 1680
gactttccag ctcatcccta aaggcagtat tgcccaacca gcgggggctc cccagcctca 1740
gtccacctgc cctccagctg ttgcggggccc cctgcccacc atgtaccaga ttccagaaat 1800
ggcccgtttg cccagtgtgg ctttccccac tgccatgatg ccccagcagg acgggcaggt 1860
agctcagacc atttctccag cctatcatcc tttcccagcc tctgtgggca agtaccacc 1920
acccccttca cagcacagtt atgtcttctc aaatgtgtgt gagcgaacac ccagtcacag 1980
tggtcacctc caggggtgagc atccctacct gacaccatcc ccagagtctc ctgaccagt 2040
gtcaagttca tcacccact ctgcttctga ctggtcagat gtgaccacca gccctacccc 2100
tgggggagct ggaggagggtc agcggggacc tgggacacac atgtctg 2147

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<210> 2102
<211> 537
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(538)
<223> similar to gil213006 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2102
ctgggagagg aggaagatga agccgaggtg gaagacgagg aggaggcggc gagccagcag 60
ttcctagagc agtcgtcca gccggggctg caggtggccc ggtggggcgg ggttgcgctt 120
ccccgagagc acatcgaggg cggcggcggc ccgagcgacc cctcagagtt tggcaccaag 180
ttcagggcac cgccaagggtc tgcggcggcc tctgaagatg cccggcagcc ggcaaagccc 240
ccctactcgt acatcgcgct catcaccatg gccatcctgc aaaacccgca caagcgctc 300
acgctcagcg gcatctgcgc cttcattagt ggccgcttcc cctactaccg ccgcaagttc 360
ccgcctggc agaacagcat ccgccacaac ctctcgctga acgactgctt cgttaagatc 420
ccccgcgagc cgggccaccc aggcaagggc aactactgga gcctggaccc cgcctcccaa 480
gacatgttcg acaatggcag ctttctccgg cgtaggaagc gtttcaagcg ccaccaa 537

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<210> 2103
 <211> 471
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(474)
 <223> similar to gi3169768 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2103
 ggtacaagga tgccctgctg ctgccagaca accaccgccca ggtgggtgttt gagaatggga 60
 ccctcaagct gactgacgtg cagaaggcca tggatgaggg ggagtacctg tgcagtgtcc 120
 tcatccagcc ccagctctcc atcagccaga gcgttcacgt agccgtcaaa gtgccccctc 180
 tgatccagcc cttcgaattc ccacccgcct ccacgtggca gctgctctac attccctgtg 240
 tgggtgtcctc gggggacatg cccatccgta tcacctggag gaaggacgga caggtgatca 300
 tctcaggctc gggcgtgacc atcgagagca aggaattcat gagctccctg cagatctcta 360
 gcgtctccct caagcacaac ggcaactata catgcatcgc cagcaacgca gccgccaccg 420
 tgagccggga gcgccagctc atcgtgcgtg tgccccctcg atttgtggtg c 471

<210> 2104
 <211> 483
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (45)...(432)
 <223> similar to gi5679450 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2104
 aggctacgga gcaggcgaga ggcgacggcg agagctagag cgggcgcgagc gttaggggtgg 60
 ccgtgcaagg ggagccgtgg cccggggccc gggcgtgcga gacggcgga gacagcccagg 120
 gccttgctgc cgccatgact gaggaatcag aggagacagt cctgtacatt gagcaccgct 180
 atgtctgctc tgagtgaac cagctgtatg gatcactgga agaggtgctt atgcacaaaa 240
 actccacgt gccccagcag cactttgagc tgggtggcggt ggctgatccc ggagtcactg 300
 tggccacaga cacagcttca ggcacgggcc tctatcagac ccttgtgcag gagagccagt 360
 accagtgcct ggagtgtggt caactgctga tgtcaccag ccagctcctg gagcaccagg 420
 agctgcacct gaagatgatg gcaccccagg aggcagtgcc agctgagcca tcacctaagg 480
 cac 483

<210> 2105
 <211> 1229
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (140)...(814)
 <223> similar to gi3929219 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2105
 tttcgtccgg cgccgggtcc cggagacaga cgttacgcgg gctcgcgcgt cctcgggaag 60
 tgccagccag agttggtgac gaccacttcc tcgacgtggg gcgggcggac gggaagcctg 120
 gggtcgtggc caccgcctcg ggagctctgg gagcccggtg gaccgcgtag aaatgaacac 180
 agaagcggag caacagcttc tccatcacgc cagaaatggc aatgctgaag aagtaagaca 240
 actattagag accatggcga ggaatgaagt gattgctgac attaatgca aaggaagaag 300
 taagtctaac ttgggctgga cacctctaca tctggcatgc tatTTtggac acagacaagt 360
 ggtccaggat ctggtgaagg ctggtgcaga agtgaatgtg ttgaatgaca tgggagacac 420
 gccgcttcat cgagctgcct ttacaggacg aaaggagtgt gtaatgcttc tcttagaata 480
 taatgctgat actactattg ttaatgggag tggacagaca gcaaaagaag ttactcatgc 540
 tgaagaaatc acaagcatgc ttgaagctgt agaaaggact caacaaagaa agcttgaaga 600
 attactttta gcagcagcaa gagaaggcaa aacaacagaa ctcacagctc tgctcaacag 660
 gcccaatcct cctgatgtta actgttcgga tcagtttaga aatacaccct tgcatggggc 720
 agcttaccgg gcccataaac aatgggcctt aaagctttta aaaagtggag cagaccctaa 780
 tctgaagaac aaaaatgatc agaaacctct tgaccttgcc cagggtgctg aaatgaaaca 840
 cattcttggt ggtaataagg tcatctacaa agcattgaaa cgatatgagg gccctctctg 900
 gaagagtica agattttttg gctggagatt attctgggta gtgttagagc atggagtcct 960
 ttcattggtat aggaaacacg ctgatgcagt tcataatatt tatcgccagg gatgcaaacg 1020
 cctgactcaa gcagtatgca cggtaaaatc cactgatagc tgcctcttct ttattaaatg 1080
 ctttgatgac gccattcatg gcttccgggt tcctaagaat agccttcagc agtcaagaga 1140
 ggcttggtg gaagcaatag tcgctctttc tgcttacagc gctcattact gtacacaaaa 1200
 ccagctgact gatgaggagg aggtgtatt 1229

<210> 2106
 <211> 474
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (79)...(457)
 <223> similar to gi915001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2106
 tttcgtcgtg gggccggggc ggagagaggc gagcaccggg aaggggagcg tggggccgct 60

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ggaatgggtg aatttaaggt ccatcgagta cgtttcttta attatgttcc atcaggaatc 120
cgctgtgtgg cttacaataa ccagtcaaac agattggctg tttcacgaac agatggcact 180
gtggaaattt ataacttgtc agcaaactac tttcaggaga aatttttccc aggtcatgag 240
tctcgggcta cagaagcttt gtgctgggca gaaggacagc gactctttag tgctgggctc 300
aatggcgaga ttatggagta tgatttacag gcgttaaaca tcaagtatgc tatggatgcc 360
tttggaggac ctatttgag catggctgcc agccccagtg gctctcaact tttggttgg 420
tgtgaagatg gatctgtgaa actatttcaa attaccccag acaaaaatacc agtt 474

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<210> 2107
<211> 857
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(858)
<223> similar to gi4314432 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2107
tttcgtgccc tggctccagc atccacggca tcaggcgcag cctctgtggg acagacatca 60
gctagaaaga gggatgcccc agcccctaga cctctccctg cttctgaggg gcatctccag 120
cctccagctc agacatctgg tctacaggc tccccacct gcatccaaac ctccccagac 180
cctcggtctt cccctcctt ccgagcccg cctgaggccc tccacagcag ccctgaggat 240
cctgttttgc cacggccacc ccagaccttg cccttgatg tgggccaggg tccttcagag 300
cctggcactc actcccctgg acttctgtcc cccaccttcc ggcctggggc cccctcaggc 360
cagactgtgc cccacctct gcccaagcca ccccgatcac ccagccgttc cccaagccac 420
tccccgaatc gctctccctg tgttccccca gccctgaca tggccctccc aaggcttggc 480
accagagta cagggcctgg cagggtgctg agccccaaac ttcaggccca agaagcccca 540
gccccagtca ccacctctc ttctacatcc accctgtcat cctccccttg gtcagctcag 600
cctacctgga agagcgacct cggcttccgg atcactgtgg tcacatggaa cgtgggcact 660
gccatgcccc cagacgatgt cacatccctc ctccacctgg gcggtggtga cgacagcgac 720
ggcgagacaa tgatcgccat aggggtgcag gaagtgaact ccatgctcaa caagcgactc 780
aaggacgccc tcttcacgga ccagtggagt gagctgttca tggatgcgct aagggccttt 840
cacttcgtgc ttgtgag 857

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```

<210> 2108
<211> 592
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(595)
<223> similar to gi3207508 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<220>
<221> misc_feature
<222> (1)...(774)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (16)...(690)
<223> similar to gi643654 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2110
agctgagtcg agctcgccgg agcgggcacc tctgtcagcc tcctcgcagt tgtagttatt      60
gtgtgtggcg tggccctggt ggcagatddd ctctttctct tttggaagct gtgctggatg      120
ccctggagga acaaggaggc ctccagtccc tcttctgcta atccccctt ggaagccctc      180
cagagcccca gcttcagagg caacatggcg gacaagctga aggaccccag caccctgggc      240
ttcctggagg cggccgtgaa gatcatccac acgtccccag atatcccagc tgatgtgcag      300
atgtcgggtca aggagcacat catgcgtcac acccggctgc agcggcaaac tacagagcca      360
gcgtcatcca ccaggcacac gtccctcaag cgccacctgc caaggcagat gcatgtctcc      420
agtgtagact atggcaatga gcttccacca gcagcagagc agcccaccag cattggccgc      480
atcaagcctg agctctacaa gcagaagtcg gtggatgggg aggatgccaa gtctgaggcc      540
accaagagct gcgggaagat caacttcagc ctacgctacg attacgagac cgagaccctg      600
attgtgcgta tcctgaaggc ttttgacctc cctgccaaag acttttgtgg aagctctgac      660
ccttatgtca agatctacct cctgccttga ccggcaaatg gcaagcttgc aggacccggg      720
ttgcaccgca aggaccctgg aacccccant ttggatggag gaattttcca ttt              773

```

```

<210> 2111
<211> 2166
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(2156)
<223> similar to gil403709 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2111
tttcgttgca attgcaacga atggtgttgt gcctgctggt ggctcctact acatgatttc      60
caggtctctg ggccagagat ttgggggtgc cgtgggcctc tgcttctacc tgggcactac      120
ctttgcagga gccatgtaca tcctgggcac catcgaaatc ctgctggctt acctcttccc      180
agccatggcc atcttcaagg cagaagatgc cagtggggag gcagcagcca tgctgaacaa      240
catgcgtgtt tacggcacct gtgtgctcac ctgcatggcc actgtggtgt ttgtgggtgt      300
caagtatgtc aacaagtttg cccttgtctt cctgggttgt gtcacctctt ccatcctggc      360
catctatgct ggggtcatca agtctgcctt cgaccacccc aacttcccga tctgcctcct      420
gggtaaccgc acgctgtctc gccatggctt tgatgtctgt gccaaactgg cttgggaagg      480

```

```

aatgagacg gtgaccacac ggctatgggg ccttttctgc tcctctcgct tcctcaacgc 540
cacctgtgat gaatacttca cccgaaacaa tgtcacagag atccagggca tccctgggtgc 600
tgccagtggc ctcatcaaag agaacctctg gagctcctac ctgaccaagg gcgtgattgt 660
ggagaggagt gggatgacct cggatgggcct ggccgatggc actcctatcg acatggacca 720
cccttatgtc ttcagtata tgacctccta cttcaccctg ctggttggca tctacttccc 780
ctcagtcaca gggatcatgg ctggttctaa ccgctctggg gacctgaggg atgccagaaa 840
gtcaatcccc actggcacca tccctggccat cgccaccacc tctgctgtct acatcagctc 900
cggtgttctg tttggggcct gcattgaggg ggtcgtcctg cgggacaagt ttggcgaagc 960
tgtgaatggc aacctcgtgg tgggcactct ggccatggca tctccatggg taattgtcat 1020
cggatccctc ttctccacct gtggggctgg gctgcagagc ctacacgggg cccacgcct 1080
gctgcaggcc atctcgagg atggcattgt gcccttctct caggtctttg gccatggcaa 1140
ggccaatgga gagccgacct gggccctgct cctgactgcc tgcatctgcg agattggcat 1200
cctcattgca tccctcgacg aggtggcccc catcctctct atgttcttcc tgatgtgcta 1260
catgtttgtg aatctggcct gtgcagtgcg gacgctgctg aggacacca actggaggcc 1320
acgctttcga tattaccact ggacctctc cttcctgggc atgagcctct gcctggccct 1380
catgttcata tgcctcgtgt attatgcact ggtagccatg ctcatgtctg gactcatcta 1440
caagtacatt gagtaccgtg gggcaaagaa ggagtggggc gatgggatac gaggtctgtc 1500
tctcagtgcg gctcgtatg ccctcttacg cctggaggaa gggcccccac acaccaagaa 1560
ctggaggcca cagctgctgg tgcctgtgct tgtggacca gaccagaatg tgggtgaccc 1620
ccagctgctc tccctgacct cccagctgaa ggcagggaag ggcccgacca tctgtgggctc 1680
tgtccttgag ggcacctttc tggaaaatca tccacaggcc cagcgggcag aagagtctat 1740
caggcgccct atggaggcag agaaggtgaa gggcttctgc caggtggtga tctcctccaa 1800
cttgcggtgat ggcgtgtccc atctgatcca gtctgggggc ctgggggggc tgcagcacia 1860
cactgtgctt gttggtgtgc cccgcaactg gcgcagaaag gaagatcatc agacgtggag 1920
gaacttcatt gagctgggtc gggaaaccac agctggccac ttagccctgc tggtcaccaa 1980
gaacgtttcc atgtttcctg ggaaccctga gcgcttctct gaaggcagca tgcaccgttg 2040
ggggattggg cacgatggag gcatgctcat gctggtgccc ttctgctgc ggaccacaa 2100
ggtctggcgg aagtgaaga tgcgtatctt cactgtggcc cagatggttg acatgcatgc 2160
catgag 2166

```

```

<210> 2112
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(115)
<223> similar to gi4755083 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2112
tttcgtaatg gctgctgaca tttctgaatc cagcggggct gactgcttag gagaccaag 60
gaacagtgcc aagttagatg ccgattacc acttcagatc ctttattgtg gaggcaagtg 120
ttggtagcca cagaatgact ttactcact atacttttat gcattgtaat aacagtttga 180
catttggtaa gctttcttcc ccctcctttt catttggtga gtttgactg ggggagagga 240
gtcctgggga ggaggaggca tgaattaaca gagtttcccc acctgggtga tttgtgtctg 300
gtactctgc ctgaagaagc ttacagtcca tttgtaacag gatgtgcaac taggttattt 360
cagcctgaag gtcctcaagg tgtatgctag tctagctgtc aaaggagggc ttcttgggaag 420
attatgagtt a 431

```

<210> 2113
 <211> 1992
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (15)...(1380)
 <223> similar to gi9916 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

09483725 "012100

```

<400> 2113
aaatatactt acttagaact tcccttcacg gagaaagaga acaagcgcaa caacttcacg      60
aacttcttgc attgaaagaa caggaacaca ggaaggaaact tgaaacaagg gagtttttta      120
ctgatgctga cttccaggat gccttagcta aagaaatagc caaagaagag aaaaagcatg      180
agcaaatgat aaaagaatac caagagaaaa ttgacgtggt aagccagcag tatatggatt      240
tagaaaaatga attccgtatt gctttaactg ttgaagccag aagatttcaa gatgttaaag      300
atggttttga aaatggttgc actgagttag caaagagcaa acatgctctt atttgggctc      360
aacgaaaaaga aaatgagtct tcctctttaa ttaaagatct gacctgtatg gtaaaggaac      420
aaaaaacaaa actggcagaa gtttctaaat tgaaacaaga aacagcagca aatttacaga      480
atcaaatcaa cacccttgaa attttaattg aagatgacaa gcagaagagt attcaaatag      540
aacttctcaa gcacgaaaaa gtccagctta tttctgagct agcagccaag gaatcactaa      600
tatttggttt aaggacagaa agaaaagtat ggggacatga gctggcacia caaggatctt      660
ctctagccca aaatcgtgga aaattggagg ctcaaattga gagtttatct agagagaatg      720
aatgtctgcy aaagacaaat gaaagtgata gtgatgcatt aagaataaag tgcaaaatca      780
tagacgacca aactgaaact attagaaaat taaaagattg tttacaagaa aaagatgaac      840
acatcaaaaag attacaagaa aagatcacag aaatagaaaa atgcactcaa gaacaacttg      900
atgaaaaatc ttcacaactg gatgaggtac ttgagaagtt ggaaaggcac aatgaaagaa      960
aagaaaaact aaaacaacag ttgaaaggaa aggaagtaga acttgaagaa atcagaaaaag     1020
cttacagtac actgaatcgg aagtggcatg ataaaggaga acttctatgt catcttgaaa     1080
cacaagtaaa agaagtgaaa gaaaaatttg aaaacaagga aaagaaactt aaagcggaaa     1140
gagacaaaag tattgaacta caaaagaatg caatggaaaa acttcatagt atggatgatg     1200
cctttaaaaa acaagttgat gcaattgttg aagctcatca agctgaaata gcacagctgg     1260
ccaatgaaaa gcagaagtggt attgattctg caaatttaaa ggtccatcaa attgaaaaag     1320
aaatgcgtga acttttgtaa gaaacatgca agaacataaa aacaatggaa gcaaaaaatta     1380
agcaacttgc ttttgcttta aatgaaattc agcaagatat gtgatggttc tgagaatgaa     1440
tttaattgaa atagaccagc agacctattg taaaaatgat taaatattgt aatagtagta     1500
actgctatga ctttgaaatg tctctttcta tacatttcat tatgaatata tttttaaaga     1560
cttttgatca agtattaatt gtataggttt tttataataa attgttgaca attttgtcta     1620
ttagaaaaaa ctatcataac tagacttaca atatttttct tgtttctgta ctatacgttg     1680
tttggttaatt acacatttgc ctacaaattt gtgaatgaaa agattagtat tttcaccata     1740
tgaggtaaaa cattttaatc attgttatct tattgtgatg atgaagaact aattatattt     1800
gttatttaat tgatgtagct caattctttt aaagtactta tgtagccaaa aagcatttga     1860
aatctgtatg ataaaaagat tggcattctt aagaaaagtat atgtagccat ctccacatca     1920
ctcattatga ccccttcttt tataatgctt atatcttttc attaaagatt acatttaagg     1980
ttttataaaa aa
1992
  
```

<210> 2114
 <211> 1013
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1014)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (709)...(900)
 <223> similar to gi4079809 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2114
 tgggcggggt ccctcagggg gcccagcctc caagcctcag cctccattca gggagtagtg 60
 gagtcctgga gccaggcgga gcagaggtgg gccacttgt gctagaatcc agtgggtgtaa 120
 acctagtga aaactcatth tgtaaatgca gatgcattaa acttggattg gaaactgtct 180
 ctactaaaat tacaaaaaga gtatttaagt ggtgcagatt aaatataagc aagattgttg 240
 agatatttaa aacacgaaat taaaaatata atagatgcac tgttgcaaat tactatttga 300
 attatagatc attttcctat tgcctagaaa caatacatag ctaaaattcc ctaactactt 360
 ttacgacaca tatttagaag gttttaaaaa tgtctgtagt cccagctatt cggcagggca 420
 aggcaggaga atcacttgag cccaggagtt ttagaccagc ctgggcaaca tagtgagggc 480
 ccactcttaa aaaaaacaaa aaaaaagaaa acttcggaaa tgtttcttga actaacttaa 540
 aagccgcctt gcacttctca ctttgaatta gtttgaatta atttacaac tgcaatatat 600
 tttaaaggag cttattgtag aaaataagtt gataaaaaaa taaggatata tctttaggga 660
 tttgtcttta gggacttggt accaagcatg tctattttcc ctctgcagc ttctccaaac 720
 aggctggtgt acaggagca acaccggagc tgggtgcacgc tggggtttgt gcagagcatc 780
 gctctcacgc tgcaggtgtg cggcgccctc agctccctgc agtggatcac gctgctcatg 840
 aaggctgtgg aagggcacgc acccttcact gccacctcgc tgcagaggca ggtaatgtgc 900
 tgccaggcaa aaccagttcc ctgagagagg cctccatgta ctgaagttcc ctgccctcag 960
 agtcaggggc ctttattcan taacgagtgc agaaagggtc tagaagtgac agg 1013

<210> 2115
 <211> 389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (121)...(207)


```

ctgtatccaa tcaaaataat gatcagccta ccattgccgt cctccaact gccagcagc 1440
ccccaccgac cattccaact atgattgcag cagccagtcc cccgtcacia ccagccgttg 1500
ccctttcaac cattcctgga gcgggtccca tctctccacc catcaccacc attgcagctg 1560
caccacctcc atcagtcact gtgggtggca gtctttcctc cgtcttgggc cctcccgttc 1620
ctgaaattaa agtgaaagaa gaagtagaac caatggatat catgaggcca gtttctgcag 1680
ttcctccact ggctaccaac actgtgtctc catctcttgc attgctggca aacaacttgt 1740
ccatgcctac aagtgcacta ccacctgggtg cctccccaag gaaaaagcct cgaaagcaac 1800
agcatgtgat ctcaacagaa gaaggtgaca tgatggagac aaacagcact gatgatgaga 1860
agtccactgc caagagtctt ctggtgaagg ctgagaagcg caagtctcct cccaaggagt 1920
atattgatga ggaaggtgtg agatatgtcc cagtgcgtcc aagaccccc attactttg 1979

```

```

<210> 2117
<211> 650
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(205)
<223> similar to gi2588974 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2117
aaggggacaa gtcaagaccg tgggcgagcc catcttaatg gaacttgaat atcacgccat 60
ggatgccctc gacctcccg gatgtttccg aacaaggagt cacagctacc ttcgagccat 120
tcaagccggc tactcccaag atgacgaatg tattcccatg atgacaccct ctgacatcac 180
ctccaccatc aggtcaacag caggtaaggg gacgccgtt ttcagccttt ccagcgggga 240
ctctagaggc atacctgtct tcttcctaga aggagcgagc agcacacagc agcacagtac 300
aatgtactct cctgacattt agtaacgttt cctaattgct tgtgttacac tgtcacattc 360
gcaaggggtg tttgtctcgg gtagatacac ctttcttttt cttagaatga aatctactca 420
ttagcaaggt tccttaaaat aatcaagtgt aacttgtgta aagttttaga gaggagaaaa 480
aatggaagtg ctagcatttg gaaggtgatt aagttttaaa taccaaagtt taatggattg 540
cagtgaagatt tctgctgatg cgcagtgtct ctgcaaggc ccttaagttg ggtcccgcca 600
gtgttttgcc agttaagccg ttgtacgggt acggacattg aattcgtaat 650

```

```

<210> 2118
<211> 392
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(393)
<223> n = a,t,c or g

<220>

```

<221> misc_feature
 <222> (31)...(120)
 <223> similar to gi5762305 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2118
 ttctatctga ggctactgtc ttttttctgc tttcaggagc atgagaagag gtgttggagc 60
 gttgacttta atttgatgga tcctaaactc ttggcttcag gttctgatga tgcaaaaggt 120
 actgtttgaa tctctttctc agcacctcct tctccctggc cctcttaact gtaattcctt 180
 tcatcggcag aaatacaaat atttactcaa actcatgtca gtcctttgtg attactgatt 240
 attattattc cccannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nn 392

<210> 2119
 <211> 972
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (423)...(693)
 <223> similar to gi2224703 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2119
 ggttttgcct taggttgaag ctttctaacg aggagatccg gcaggccatc ttgaagatgg 60
 atgagcagga ggaccttgct aaggacatgc tggagcaggt gaggaccctc gtgggaagga 120
 aggggaactg aaccagcgg gcagccacgc cccttcccaa cagccccag gaggtgcga 180
 ttcttggtgc aaggagaaat caggctggaa gagttaggga gaaggtttat agaagcctcc 240
 ctgggccggc ctttcttggg gaaagctgga aaaggctaag tgttctccag gagtcattct 300
 cccatctgac tccaaggcaa agtcagatga ggaaaagtga catcttcccc aaatctcttc 360
 cctctcagtt ttttgatcc tttgggaaac cagttgcttg tgtgacttgc gcctgctctt 420
 tgcagctcct caagttcatc ccagagaaga gtgacattga cctccttgtc tacaggattg 480
 accactacca gcagcgactg caagccctct tcttcaagaa gaaattccag gagcggtg 540
 ctgaggcaaa gcccaaagtg gaaggtaggg ctgagggttg caggaggctt agagtggaga 600
 gttatctgat catgatcctg gagaagcatt ttcctgatat tctaaacatg ccttcagagc 660
 tgcaacatct tccagaagcc gccaaagtca agtgagggtt ctctccaaga ctctcttctc 720
 cccatgatga ccctcattct tgtcttactt tctcttttg gggctactc tgggcttgat 780
 gatggctggt gtgagacctc gggtcttggt ttctgagttc aaaagaattt aaacagacac 840
 acagcaaagg ggggttagca tagaacaatg tattgcaaaa gaagatatct tgtgagttag 900
 gtgcagaata gacagtacac cctgagagag agaggattca ggggtgggctg cttgtaagga 960
 attacaccgc ac 972

<210> 2120
 <211> 683
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (15)...(194)
 <223> similar to gill196814 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2120
 gcggtggaat tcccctaggc actgactacg tgcacaagtt tgtgggcaaa gagccaagtg 60
 gcctgcgcta caacaagctc tccctcaatg aggaaggaat cccccataac cccatgggtca 120
 atgctggtgc cattgttgtc agctccctga tcaagatgga ctgtaacaaa gcagagaagt 180
 ttgattttgt aagttccctt gctacttagc ccctggctgc atttcgccat ggcatgctgt 240
 cctctccagc tgccccagtg gctctctaac cccactacca ggtgcaccag cccatactag 300
 aagccttatt tccagaaatg tggaaatctg ctggcctcaa gagaggaaag cctcttgaca 360
 agacctgagt tcagaagggc tagtcaacct gtgaggtatt aatagagctt ctaaccaag 420
 tggagcctca atgtcccttt ttctcttcca ggtgttgagc tatctcaaca aaatggctgg 480
 gaatgaatac atgggtttca gcaatgccac gtaagtccct actcagagga ctgactgaaa 540
 gcattgtggt gtatgtgtgt gtacttagga tggggacaag aggaatgggg gagagagaat 600
 cttaggagga agaaatccca ggggaacttt ggccctccag ctctctctga gtcccttcat 660
 aaacatttgt ttatcttgta aaa 683

<210> 2121
 <211> 561
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(562)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (151)...(292)
 <223> similar to gil698455 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2121
 ccgcccacgc gtcgcgccac gcgtccgccc aaaccaacaa aacccttcac ctaaaacccg 60
 aagctaccca gacctagaa ttttgatgt ctattaagtt ggcggtcccc agcagnnnnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnat cctgaagcat tcatcaaag aattgtaaca 180
 ggagatgaaa catggcttca ccagtatgat cctgaagaaa aagcacaatc aaagcagtgg 240

```
ctatcaagag gaggaagtca aagcaaagca gaccagtcaa gagcaaaggt tggagtggct 300
ctggtgacaa ctactctgt tctcatggtc acaaatccct gctactgct gccactgctg 360
ctgccaccac agaccaagag ctccacttgc acagtgtgtc tggctaagaa gaagttgctg 420
tacctgagca ctggaccaca tggactcaca gagactccca accaggtaaa ggggtgatat 480
ggcttggtgga tgtcaaccat attctcttct tgatcacctc gctgctggaa caatgggcca 540
tggtcagagt agagtgggtca t 561
```

```
<210> 2122
<211> 471
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(405)
<223> similar to gil82074 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2122
cagctgcagg ctttgtggtc tttcagggaa ataagagaat ccatttgata aaatggccag 60
atgtctgcaa attgaagttt gaagggaaga cattttatgt gattggcacc cagaaggaga 120
aaaaagccat gttggcattc cactattcaa caccagctgc ctgcaaacat ctttgggaagt 180
gtggagtgga aaaccaggcc ttttataagt atgcaaaatc cagtcagatc aagactgtat 240
caagcagcaa gatatttttt aaaggaagta gatttcgata tagtgggaaa gttgccaaag 300
aggtggtgga ggccagttcc aagatccaga gggagcctcc tgaggtgcac agagccaaca 360
ttactcagag ccgcagttcc cactcctttg aacaaacagc tcatcattaa catggaaccc 420
ctgcagcccc tgctttcttc ccccgagcag caagaagaag aaacttctct g 471
```

```
<210> 2123
<211> 615
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(605)
<223> similar to gi2384711 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2123
gggtgacacc gccatgattt ccacaagcac ctctgaaggg tgtgaagcag tcatgattgg 60
tgctgtcctc caggatgaag atcggctcac catcacaaga gtagaagact tgagcgatgc 120
tgccatcatc tccaccagca cagcagaatg tatgccatt tccgccagca ttgacagaca 180
```

tgaagagaat	cagctgactg	cagacaaccc	agaaggggaac	ggtgacctgt	cagccacaga	240
agtgagcaag	cacaaggtcc	ccatgcccag	cctaattgct	gagaataact	gtcgggtgtcc	300
tggggccagtc	aggggaggca	aagaaccggg	tcccgtgttg	gcagtgagca	ccgaggaggg	360
gcacaacggg	ccatcagtcc	acaagccctc	tgcagggcaa	ggccatccaa	gtgctgtttg	420
tgcggaaaaa	gaagagaagc	atggcaagga	gtgccccgaa	ataggacat	ttgcaggaag	480
aggacagaaa	gagagcactt	tacacctcat	aaatgcagaa	gagaagaatg	tattgttgaa	540
ctcccttcag	aaagaagata	agagcccaga	gacagggaca	gcagggggca	gtatcacagc	600
aagttattca	gcagg					615

<210> 2124
 <211> 444
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(447)
 <223> similar to gil736499 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2124						
aacagaacga	aattcggttcg	ctcttacctg	aagccagtga	gccgattgat	caagctgcac	60
aagaagatga	agccattccc	caggacgaac	tggatgacaa	aatcgccggt	gaagcgggcg	120
tgcataaata	tgttggttcc	actggcgata	cgctaagcag	cattctcaat	cagtatggta	180
ttgatattggg	tgatatcacc	caactggctg	cggccgacaa	agaattgcgt	aacctgaaaa	240
tcgggtcaaca	actctcctgg	acattaaccg	cggacggcga	actgcagcgc	ctcacctggg	300
aagtgtctcg	tcgtgaaacc	cgaacctatg	accgtactgc	cgctaaccgt	tttaaaatga	360
ccagcgaaat	gcagcaagga	gagtgggtta	acaatctgct	gaaagggtacc	gtcgggggaa	420
gctttgttgc	cagcgccaga	aacg				444

<210> 2125
 <211> 521
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (295)...(399)
 <223> similar to gil736450 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2125						
gcgaggaatt	ccaagcccag	agctgctctg	cgcaagcgcg	accgaccgag	cagctccgag	60

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gagtcgcgcc ggaaacaaac attccccagg gcaatgtcac gacttggtct tcccaggagg 120
ccagtcagaa acagtgtgct agatgatgct aaggcccgct taagaaagta tgatattgga 180
ggcaaatatt ctcaactgcc atataacaaa tactccgtcc ttttgccatt ggtggctaaa 240
gaaggaaaac tccatttggt gttcaccgtc cggtcagaga agacagatac attgataact 300
ccatttggtg gttaataaga ccacaacttc caggcccagc cgaatcctgc tgaagttaag 360
gatgtattcc tgggtgcctct ggcctatatt ctgcatccac aggtccatga ccagcattac 420
gtcacacgtc ttggtcaccg ttttattaat catatctttg agtacacaaa ccctgaagac 480
ggtgtcactt accagatcaa gggaatgacg gcaaaccctg c 521

```

```

<210> 2126
<211> 996
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(997)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (120)...(900)
<223> similar to gi5596695 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2126
ggggccnaat cgagatcgta ggcagtgcgg nggaactcca aaccgcccac ccagccaggg 60
gcgaaggggac agcagctcat cctcctgcct ccctgccctg cagggtcctg agaatggaag 120
agtttttccc agagacctac cgcctggacc tcaaacacga gagagaggcc tttttcacct 180
tgtttgatga aaccagata tggatctgca agcccacagc ctccaaccag ggcaaaggca 240
tcttcctgct ccggaaccag gaggaagttg ccgccctgca ggccaagacc cggagcatgg 300
aggacgaccc catccaccac aagacgccgt tccggggggc tcaggcgcggt gtggtgcaga 360
ggtacatcca gaacccgctg ctggtggacg ggagaaagt tgacgtgcgc tcctacctgc 420
tcattgcctg caccacaccc tacatgatct tctttggcca cggctatgct cgcctacccc 480
ttagccttta cgacccccat tccagcgacc tcggcgggcca cttgaccaac cagttcatgc 540
agaagaagag ccctctgtac atgctgctga aggagcacac ggtgtggagc atggaacacc 600
tcaaccgcta catcagtgc acgttctgga agggccgggg cctcgccaag gactgggtct 660
tcaccaccct caagaagcgg atgcagcaga tcatggccca ctgctttctg gccgccaagc 720
ccaagctgga ctgcaagctg ggttactttg acctcattgg ctgtgacttc ctgattgatg 780
acaacttcaa ggtatggctg ctggagatga attctaacc agccctgcac accaactgcg 840
aggtcctgaa ggaggtcatc ccaggtgtgg tcatcgagac cctggacctg gtgctcgaga 900
ccttccggaa ggcctgcgc ggccagaaga tgttgccctt gctgtcccag cgccgcttcg 960
tgctcctgca caacggtgag gccgacccgc ggccgc 996

```

```

<210> 2127
<211> 660

```

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(661)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (5)...(660)
<223> similar to gi3986194 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2127
ggatcagagt atggaggaga atcaggactt aaagaaggaa ctgctgaaat gtaaacaaga 60
agccagaaac ttacagggga taaaggatgc cttgcagcag agattgactc agcaggacac 120
atctgttctt cagctcaaac aagagctact gagggcaaag atggacaaag atgagctgca 180
caaccagaat gtggatctgc agaggaagct agatgagagg aaccggctct tgggagaata 240
taaaaaagag ctggggcgaga aggatcgctt tcttcagcag caccaggcca agttagaaga 300
agcactccgg aaactctctg atgtcagtta ccaccagggtg gatctagagc gagagctaga 360
acacaaagat gtcctcttgg ctactgttat gaaaagagag gcagatgagg cgaccaacta 420
caacagtcac aactctcaaa gcaatggttt tctccttcca acggcaggaa aaggagctac 480
ttcagtcagc aacagaggga ccagcgacct gcagcttggt cgagatgctc tccgcagcct 540
gcgcaacagc ttcagtggcc acgatcctca gcaccacact attgacagct tggagcaggg 600
catttctagc ctcattggagc gcctgcattgt tatggagacg canaagaaaa aaaaaaaaaa 660

<210> 2128
<211> 1839
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1840)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (814)...(1489)
<223> similar to gi4850180 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2128
ggaattcctg tgctcatggc ctgcatgacg ctgctgccca cctgggttggg aggcgctccc 60
ccaggccctc ccggcccgga catctcctcg ccctgcgggt cctataaccc ccactcccag 120
ggcctggtca cctttgccac ccagctcttc aacttgctct cgggtgaggg ttacctggaa 180

tggccccctc	tcttctatgg	cttctacccg	ccccgcccac	gcctggcggt	cacctacctg	240
tgctgggcct	ttgccgttgg	cctcatctgc	ctcctgctca	tcctgcatcg	ctcgggtgtct	300
gggctgaagc	agacactgct	ggcggagtcc	gaggctctga	ccagctacag	ccaccgggtg	360
ttctcggcct	gggacttcgg	tctctgcggg	gacgtccacg	tgcggctgcg	ccagcgcac	420
atcttgtagc	aattaaaggt	ggagctggag	gagacagtgg	tgcggcgcca	ggctgcgggtg	480
cggacgctgg	gccagcaagc	caggggtttg	ttgggtgcggg	tgctgctcaa	cctgctgggtg	540
gtcgcgctcc	tgggggagc	cttctatggc	gtctactggg	ctacgggggtg	caccgtggag	600
ctgcaggaga	tgcccttgt	ccaggagtgt	ccactgctga	agcttgggggt	gaattacctt	660
ccgtccatct	tcatcgctgg	ggtcaatttt	gtgctgccgc	ccgtgttcaa	gctcattgct	720
ccactggagg	gctacactcg	gagtcgccag	atcgttttta	tcctgctcag	gaccgtgttt	780
cttcgcctcg	cctccctggg	ggtcctgctc	ttctctctct	ggaatcagat	cacttgtggg	840
ggcgactccg	aggctgagga	ctgcaaaacc	ngtggctaca	attacaaaca	acttccgtgc	900
tgggagactg	tcctgggcca	ggaaatgtac	aaacttctgc	tctttgatct	gctgactgtc	960
ttggcagtcg	cgtgctcat	ccagtttcct	agaaagctcc	tctgtggcct	ctgtcctggg	1020
gcgctgggtc	gtctggcggg	gacccaagag	ttccagggtg	ccgacgaggt	gctggggctc	1080
atctacgcgc	agacggtggg	ctgggtgggg	agttttttct	gccctttact	gccctgctt	1140
aacacggtca	agttcctgct	gcttttctac	ctgaagaagc	ttaccctctt	ctccacctgc	1200
tccccggctg	cccgacacct	ccgggcctcc	gcggcgcaatt	tctttttccc	cttgggtcctt	1260
ctcctgggtc	tggccatctc	cagcggtccc	ctgctttaca	gcatcttcct	gatccgcct	1320
tctaagcttt	gtggtccatt	ccgggggag	tcgtccatct	gggcccagat	ccctgagtct	1380
atttcagacc	tccttgagac	cacccagaat	ttcctcttct	tcctggggac	ccaggctttt	1440
gctgtgcccc	ttctgctgat	ctccagcatc	ctgatggcgt	acactgtggg	ctctggctaa	1500
ctcctacgga	cgcctcatct	ctgagctcaa	acgtcagaga	cagaacggaa	ggcgaggaa	1560
taaagtcttc	cgtggcacgg	cgcgctgtgg	cgtgacctc	caccaaaccg	gctctttgac	1620
ccccgcagcc	cacgtcccgc	tttcagaccc	caggccccat	tgtaagccta	ggtcacaaca	1680
atctgtaaac	taggagaact	ggagaagact	ccacgccctt	ccagctttgg	tatctggaga	1740
tttccagggc	ccctcgccgc	cacgtccctg	actctcgggt	gatcttcctt	gtatcaataa	1800
atacagccga	ggttgctgag	cgcgctttga	aaaaaaaa			1839

<210> 2129

<211> 466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(273)

<223> similar to gi4589506 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2129

aatcgagatc	catagtcagt	gcggtggaat	tcctcacagg	aaattaggaa	tggctggcca	60
gaagttgggc	tcctccgctc	tcctgtgcta	catccgccct	gacactgccg	atccagcaag	120
tagcttttagc	ttgactgtag	ccaatgttgg	cacgtgccaa	gcagtccgtg	gccgaggtgg	180
gaagccagtg	cccctctcta	aagtcttcag	cctggagcag	gacccagagg	aggctcaaag	240
ggtgaaggac	caaaaagcca	tcatcacaga	ggttccggaa	gatctcaaag	agttccagac	300
cacagatatt	ccggtgcac	actgtaactt	cccggctgtt	ctcggctgcc	tttgtagcgc	360
ttctgttctc	ggtagctacg	cagggccagc	accacgctgg	cgccgtacat	gatcacgaga	420
agacaagcaa	aggtggctgc	tgctccgtcg	gtgcctgcca	gctggg		466

<210> 2130
 <211> 465
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (2)...(134)
 <223> similar to gi3005558 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2130
 nttgatggcc cgccggcgga tgcctcgctc caactcccag gagaacgtgg aagcgtcccn 60
 cccatcccag gatgggaaaa ggcagtacaa gatgatctgc cacgtcttcg agtctgagga 120
 tgtaagggtt gcttcctttg atctcctttt gggttaggtt ctcttgactt ctcagaacct 180
 gattcagtct aattcatcac acatgatgca tgtatttatt gtgcacgtac tgtgtgtcag 240
 gcactgttcc agcactagag atataaggct gagtaaaaca gacagggtac tcatcgcaag 300
 ggctgaaagg aggcagaaaa tcaataggta aatatactta atgtaaaatt gggtagtggg 360
 gagtgctcca cagacaaata aaacagggtc aggggatgga gggacagggg ctatggaatt 420
 ccaccacacg gactagggat catcgatctc aattnnntc cccca 465

<210> 2131
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (294)...(401)
 <223> similar to gil665767 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2131
 acttctgcag ggccatcgga cctcaggtgt gcagaagatg tggcctctct ggcctcttct 60
 gcgccaggga ccctggcttc cccttggtgg ctgcccaagt tttctgactc tccaagcacc 120
 actctgtagt ttaggtttgt ctaaagctca gttttggtgg caactgcact gtgccgcctc 180
 cgcattgttt ctgtcgagtc tgtctgtgca gtgcttctgg ctacaagga gcctgagaag 240
 tatctcctga attctcctcc ctggaatcac ccgcttgcta ttttcttctg caggatgtct 300

```

atgcctacac acaagttgga gttccagact gtagaatatt caccgtgaac cccaaggggtg 360
aattaataca agaaagaacc aaaggaaaca agtcatcgta agtacattct cagctctcag 420
cccggcgccc gaattccacc gcactgggct aa 452

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<210> 2132
<211> 1641
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(1641)
<223> similar to gi3242705 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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09480725 042100

<400> 2132
gcggccgctg ctcaactgacc tctaccaggc caccatggcg ttgggctatt ggcgcgcggg 60
ccgggcgcgg gacgcgcgcg agttcgagct cttcttccgc cgctgcccgt tcggcggcgc 120
cttcgccttg gccgcgggct tgcgcgactg tgtgcgcttc ctgcgcgcct tccgcctgcg 180
ggacgcgcag gtgcagttcc tggcctcggt gctgccccca gacacggatc ctgcgttctt 240
cgagcacctt cgggcccctg actgctccga ggtgacgggt cgagcccctg ccgagggctc 300
cctcgccttc cccggagtgc cgctcctgca ggtgtccggg ccgctcctgg tgggtgcagct 360
gctggagaca ccgctgctct gccagagaga gcggtgcta gagatgggca ccaacgcagc 420
gcggcttcgc ttgatcgagc ggccagagaa gcggtgcta gagatgggca ccaacgcagc 480
tcagggcccc gatggggggc tgacagcctc cacctacagc tacctgggca gcttcgacag 540
cagcagcaac gtgctagcgg gccagctgcg aggtgtgccc gcggccggga cccctggcca 600
ctccttcgtc acttctcttt caggcagcga ggtgccccct gacctgatgt tggcgccagc 660
agctggtgag ggccctgggg tggacctggc ggccaaagcc caggtgtggc tggagcaggt 720
gtgtgcccac ctggggctgg ggggtgcagga gccgcattca ggcgagcggg cagcctttgt 780
ggcctatgcc ttggcttttc cccgggcctt ccagggcctc ctggacacct acagcgtgtg 840
gaggagtggc tcccccaact tcttagcagt cgccttggcc ctgggagagc tgggctaccg 900
ggcagtgggc gtgaggctgg acagtgtgta cctgctacag caggctcagg agatccgcaa 960
ggtcttccga gctgctgcag cccagttcca ggtgccctgg ctggagtcag tcctcatcgt 1020
agtcagcaac aacattgacg aggaggcgct ggcccgactg gcccaggagg gcagtgaggt 1080
gaatgtcatt ggcattggca ccagtgtggt cacctgcccc caacagcctt ccttgggtgg 1140
cgtctataag ctggtggccg tggggggcca gccacgaatg aagctgaccg aggaccccga 1200
gaagcagacg ttgcctggga gcaaggctgc tttccggctc ctgggctctg acgggtctcc 1260
actcatggac atgctgcagt tagcagaaga gccagtgccg caggctgggc aggagctgag 1320
ggtgtggcct ccaggggccc aggagccctg caccgtgagg ccagcccagg tggagccact 1380
actgcggctc tgcctccagc agggacagct gtgtgagccg ctcccatccc tggcagagtc 1440
tagagccttg gccagctgt cctgagccg actcagccct gagcacaggc ggctgaggag 1500
ccctgcacag taccaggtgg tgctgtccga gaggctgcag gccctggtga acagtctgtg 1560
tgcggggcag tccccctgag actcggagcg gggctgactg gaaacaacac gaatcactca 1620
cttttcccca caaaaaaaaa a 1641

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<210> 2133

<211> 1279
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (26)...(1143)
 <223> similar to gil657835 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2133
 aatagtcgac cgttgtggaa ttccactgaa agaagctgag agcctacaag ttgcagtgaa 60
 ggcttcacag atgggcgcg tgagtcaatc atgtgaggac agttgtggag actctgtctt 120
 ggcggacaca ctcatgtctc atgatgtacc aggatcaccc actgcctcat tagtcacagg 180
 agggagagaa ggaagaggct gttcggatgt ggatcccggg atccagggtg tggtaaccga 240
 cttggccgct tctgatgcag gggagaagggt ggaatgtaga aattttccag gttcttcaca 300
 atcagagatt atacaagcca tacagaattt aaccgcgtctc ttatacagcc ttcaggccgc 360
 cttgaccatt caggacagcc acattgagat ccacaggctg gttctccagc agcaggaggg 420
 cctgtctctc ggccactcta tctccgagg cgcccccttg caggaccaga agtctcgcga 480
 cgcggacagg cagcatgagg agctggccaa tgtgcaccag cttcagcacc agctccagca 540
 ggagcagcgg cgctggctgc gcaggtgtga gcagcagcag cgggcgcagg cgaccaggga 600
 gagctggctg caggagcggg agcgggagtg ccagtcgcag gaggagctgc tgctgcggag 660
 ccggggcgag ctggacctcc agctccagga gtaccagcac agcctggagc ggctgaggga 720
 gggccagcgc ctggtggaga gggagcaggc gaggatgcgg gcccagcaga gcctgctggg 780
 ccactggaag cacggccggc agaggagcct gccgcgggtg ctccctccgg gtggccccga 840
 ggtaattgaa cttaatcgat ctgagagttt atgtcatgaa aactcattct tcatcaatga 900
 agcttttagta caaatgtcat ttaacacttt caacaaactg aatccatcag ttatccatca 960
 ggatgccact taccctacaa ctcaatctca ttctgacttg gtgaggacta gtgaacatca 1020
 agtagacctc aagggtggacc cttctcagcc ttcgaatgtc agtcacaaac tgtggacagc 1080
 cgctgggttc ggccatcaga tacttccctt ccatgaaagc agcaaggact cttgtaaaaa 1140
 tggtaattaa cactttaaac atcatctgta tagtttgaac aagaagttgt ccctctgaat 1200
 ggttggctct tgtgtagagt gaatcaaagt cctccctagc atgggaataa atcgggtactg 1260
 atgagctgga aaaaaaaaaa 1279

<210> 2134
 <211> 425
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (63)...(188)
 <223> similar to gil780991 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2134
 ggcggaattc aaaagcaatg cacaggctctt cctgtgacgg gccgctactc tctctgcctt 60

```

cagtgggacg gtcagccacc catgccctgg tccaggccca gctgatctgc tcaggagcca 120
ggcggggcat gcacgctttt attgtgccaa tccggagtct tcaggaccac accccactgc 180
caggtaagcc cataatgctc cctcaaggaa ccctgccagg aggagagccc aggtggcctc 240
cctgacctgg ggccccagag ggccacagga gtagctaaga catgtctccc ttgggcaggg 300
agcgggccag ttggacagac ttgggtgctaa ctggctaggt gaacttgagc aagatttagc 360
atctttctga cctcagcttg ttcacctgca aaatagggtac aataatccca gtgtcacagg 420
ctgct 425

```

```

<210> 2135
<211> 681
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (2)...(146)
<223> similar to gi4589634 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

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<400> 2135
caaccagatt ggatctgggt cctcgcgtct tggaacggca gcagctatta aaggagatac 60
aggcgctgct aagacttctg atgatatcag ttttaagtgtg ggccaaagtt atagtctttg 120
taagggaagga agtgaagaac aaggtaagag cggtataact taccatgatg tcatatactg 180
tggtgaccag agttaatttg tagaatatgc tgcatacaat ttggcagaag ttataataca 240
tttaatatga tatttaagga aacattaaca taaaatgtta tggatgtagt agtaatacag 300
agttacacat gcttttagct tacttgaact cagttataca tgttctgcca gataaacatg 360
gagagagaaa ttctatgagc atatgccccg gagtgaatat gagatgggag ataagaatct 420
gctattcttt tagttgggtc gaccaactag cccagcttag ggataaccta gtatgtaaaa 480
ctgttacttt ccattcagta cgatctctaa atgccagctg cttcatctct tgccaactgc 540
aaaaacagca ataagttttg acatagtgtc ttagtccatg tgcattgcta taaagaaata 600
cctgagattg ggtgccttgt acttgggtgc ttttttgga ttagcagttacc ctatcattgg 660
ttctttgctt ctgtggactg g 681

```

```

<210> 2136
<211> 404
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(405)
<223> similar to gi4406218 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2136
ggacatggac atatcctggg gggaacaaaa aatggagaga ttctggaaat tgataagagt    60
ggcccaatga cactgcttgt tcaggggcac atggaaggag aagtgtgggg gttggcagct    120
caccctctcc tgcccatctg tgcaacagtg agcgatgata aaacacttcg catctgggaa    180
ctatctgccc agcaccgtat gctggcagta cggaaactca aaaaagggtg aagatgctgt    240
gccttttccc ctgatgggaa agccttatcg gttggcttga acgatgggag tttcctgggtg    300
gtaaatgctg acactgttga agacatggtc tctttccatc acagaaaaga aatgatctct    360
gatattaagt tttcaaaaaga tacgggaaaa taccttgccg tggc                                404

```

```

<210> 2137
<211> 1352
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(825)
<223> similar to gi5689485 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2137
aaatgttgct atttacagga aaatttgaat tctcatgttc tgattctttc tctgcaactt    60
tctaaagctg agagtaagtt cagagtcctc gaaactgagc tccattacac aggagaggct    120
ctgaaagaaa aggcttttgt ttttgaacac gtgcaaagtg agctaaagca aaaacagagt    180
caaatgaagg acattgaaaa aatgtacaaa agtggatata atacaatgga aaaatgcata    240
gaaaagcagg aaagattttg tcaactaaaa aaacaaaata tgttgcttca acagcaactg    300
gatgatgctc gcaacaaaagc tgacaatcaa gaaaaagcaa tacttaatat tcaagccaga    360
tgtgatgcta gagtacaaaa ccttcaagct gagtgcagaa agcaccgtct tttactagaa    420
gaagacaata aaatgtttgt caatgaactg aatcattcga aagaaaaaga atgccaatat    480
gaaaaagaga aagcagaaaag agaagtagct gtgagacagc ttcaacaaaa acgagatgat    540
gtcttaaaca aaggatcagc aacaaaagct ctgctggatg cttcatcgcg tcaactgcacc    600
tatttagaaa atgggatgca ggattcaagg aagaaattag accagatgag aagtcaattt    660
caagaaatac aggatcaact tacagctact ataagatgta ctaaggagat ggaaggcgac    720
acacaaaagc ttgaagtaga acatgtgatg atgagaaaaa ttattaaaaa acaggatgac    780
caaattgagc ggcttgagaa aatcctgcag cattcaagtt tgatgctgca ggtgtttgag    840
agctagatga aggtatgttg ccaaaattta tgaattaaat tcaaatcatt gatttctgaa    900
ataaactcta agtagtgaa ggtattccct ctcaattgct tggttaataa atgctacatt    960
aaatattttt tcttacacac atctagtga agatgtgaaa acataaacat tcatagtga    1020
gggtatactt atgcttttgt aattcatcat gtttcatagc tttaaaaaaa tcgcaagaaa    1080
tctgtgtatc cctttttttc tggccctaca cttttcttct gccaccctca tagaactgtc    1140
agcctgcaca ctgaaactgt tctcagaaaa caaaggcatc atcaacttct caagggttaag    1200
gtagtgatgt aaggctaaca gacccacac tcatgtgata ataattagtt aagcaattac    1260
aggtcacaa gagtcacttg tccagtga ttttaaactc ctagtcatga ctttgtcatt    1320
ggtttacttt tgcccctggg aaaagttgaa aa                                1352

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<210> 2138
 <211> 325
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(88)
 <223> similar to gi2852125 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2138
 ttccagccat gaatgtcaat gactcagtca ccaaacagaa atttgacaac ctctactgtt 60
 gccgtgaatc aattccttgat gggtaatgtt tattatcttt gagatgaagt tgtgatgtcc 120
 agttgagatt ctaagttttt tggcttttgt tattttctgga aaggattcat gtagcacctc 180
 tggataatgt ctccataaag ccagagcttt gtcacctcgt aaattaaaaat tacattatct 240
 ttattttctc ctttgtatct tttctatttc taaatattat attttcaaaa tattatctaa 300
 taaatgtatg ttgcttttat gttaa 325

<210> 2139
 <211> 678
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(531)
 <223> similar to gi3717260 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2139
 aaggaaagtg gaacaagcta aaggtcttgg tttccaaaga tctacatttg cttgaggaaa 60
 ttgctctcac actcagagct tttgaggccg attcaacagt cattgagaag tggatggatg 120
 gcgtgaaaga cttcttaatg aaacagcagg ctgcccaagg agacgacgca ggtctacaga 180
 ggcagttaga ccagtgtctt gcattttgtta atgaaataga aacaattgaa tcatctctga 240
 aaaacatgaa ggaaatagag actaatcttc gaagtgggtcc agttgctgga ataaaaactt 300
 ggggtgcagac aagactaggt gactaccaa ctcaactgga gaaacttagc aaggagatcg 360
 ctactcaaaa aagtaggttg tctgaaagtc aagaaaaagc tgcgaacctg aagaaagact 420
 tggcagagat gcaggaatgg atgacccagg ccgaggaaga atatttggag cgggattttg 480
 agtacaagtc accagaagag cttgagagtg ctgtggaaga gatgaagggt aggcggggac 540
 gaccagtgcc aacaggcttc atgcctccct cctcccttta aaaccagcac atcaatcatc 600
 tgtctatctg tcaaacacta tgtgcatgta gcatctttca cagtaggttt ttgaattaaa 660
 aaaacataac aggttatt 678

<210> 2140
 <211> 708
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(99)
 <223> similar to gil665779 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2140
 cacctgtgtc acaaggctct cctgctagtt ctggaatagg cagtccaatg gcatcttcaa 60
 caataaccaa aatccacagc aaaagattta gagagtaagt tttataactca ttattgaggt 120
 tgaatagttt aaggatcttg attgtagttc tgaatttagt attgtcattg ttactcagtg 180
 agtcaagcag acaaaagacc agagatcttt aacgcctttc ggattttgtt taacagctgg 240
 gtttattatt taaagcattg ccttctgtca gctgttagta ttcacgtgag agtgatctga 300
 cagtaagtat attctcttta tatcagatag tatttctatt ctagaaatct agactcttaa 360
 tatcttatat attaaatggt gtactatcag ttttctcct acaaagctt ttgctttttt 420
 gtttatatta ttggcccttc aaaagatcac tctaaccaat taatagggtt ctaagaccct 480
 attatatgaa gtgaacctat tacataaagc tatttgtgca agtatttcta agttcttaaa 540
 ttgagataac tggggggatc acagaatatg ataccccatc tgtgaatagc tttaacagtt 600
 attgctgtga aggattttta gatttttaaca tttatgttga tgaattaatt ttacctttaa 660
 aatgacata tgaaagaatc ccagggtgaa agtataatct atgtgagg 708

<210> 2141
 <211> 2414
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1572)
 <223> similar to gi2655888 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2141
 ttctggtaca agtacacgta catggaggaa atgttgggaa acgttgccgg tgcccggcag 60
 gtgtttgagc gctggatgga gtggcagcct gaggagcaag cctggcactc ctacatcaac 120
 tttgagctga gatacaaga ggtggatcgg gccgcacca tttatgagcg atttgcctc 180
 gtgcaccctg atgttaagaa ctggatcaag tatgcccgct ttgaagaaaa acatgcttat 240
 tttgcccatg cacggaaagt gtatgagaga gctgtggaat tctttggaga tgaacatatg 300
 gatgagcacc tttatgttgc ctttgccaag tttgaagaaa atcagaaaga gtttgaaagg 360
 gtacgagtga tttacaagta tgccctggac agaatttcaa aacaagatgc ccaagaactc 420
 tttaaaaatt ataccatctt tgagaagaag tttggtgata ggccgggtat tgaagatatc 480
 attgtgagca aacgggagatt ccagtagcaa gaagaagtga aggcgaatcc acacaattat 540

09483725.012100

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gatgcatggt ttgattactt gcgcttggtg gaaagtgcag cagaagctga agccgtgaga 600
gaagtctatg aaagggccat tgccaatgtc ccacccattc aggagaagag gcaactggaag 660
cgctacatct atcttttgat caactatgca ctctatgaag aattggaggc aaaggatcct 720
gagaggacaa gacaggtgta tcaagcctct ttggaactaa ttcctcaca aaagttcaca 780
tttgccaaaa tgtggatact gtatgcacag tttgaaatac gacagaagaa tctgtcatta 840
gccagaagag cattgggaac ttccataggc aaatgtccaa agaacaaatt atttaaagtt 900
tacatagaat tggagctaca gcttcgagaa tttgacagat gccggaagct ttatgaaaag 960
ttcctggaat ttggacctga aaattgtacc tcatggatta aattcgctga attagagaca 1020
atccttggtg atattgacag agcacgggca atctatgaat tagccatcag tcagccacgt 1080
ttagacatgc cagaggtgct ttggaaatca tatattgatt ttgaaattga gcaggaagaa 1140
acagaaagaa cagcaaacct ttaccggcgg ttgcttcaac ggacgcagca tgtcaaggta 1200
tggatcagct ttgctcagtt tgagttgtct tcaggaaaag aaggaagttt gactaaatgc 1260
agacaaaatt atgaagaagc taacaaaacc atgcgaaact gtgaagaaaa ggaagagaga 1320
cttatgctgc tgggaatcttg gcgaagtttt gaagaagaat ttggaacagc tcagataag 1380
gagagagtag acaaactcat gccagagaaa gtcaagaaga gaagaaaggt ccagactgat 1440
gatgggtctg atgcaggctg ggaagaatac tttgattaca tctttccaga agatgctgcc 1500
aaccaaccta acctcaaact cctggccatg gccaaactgt ggaagaaaca gcagcaggaa 1560
aaggaggatg ctgagcacca tccagatgag gacgtcgatg agagtgaatc ctgatctttt 1620
tttcatagac aaatgttttg ttatttttat aaattaattg tttggaactc ttgtgactcc 1680
tggaagttct tatatatctt accagtaaga aattgattgg tatctttgat ggctactttt 1740
taagttatct tttaaatgct cttgggttag ctaggggtag ggattgcaag taaaggactt 1800
ttttaactgc tggatttggt tttccaactg agtccaaact tttctaattg ctgtccacat 1860
catgcattag gaaatgtaat taaggtaaca ttctacagtt acttttcatg tcatacccat 1920
aaagatagtt tatgcattca tctgaaatgt gtaacttttt catgtcttca gagtcacaga 1980
cttgagttca tttcccagct ctgccactca tgattatata acttaatttt cattttcctc 2040
attcacaaaa tgggccaata gtttgacagc tcattttgaa gattacatta taaaaggaat 2100
atacctggtg ggtgcatagt aagtgtctag taaattgttt gttctaagcc acttttataa 2160
atggtttcat tccttgtaga attgaatgcg agtggtattaa taatttacct tactttctta 2220
ctagtgtcca gttatattgt tttttagaac aacacttgga aaataatttg cagtgattat 2280
atttctgaac aaggttcaga aaacattggt tactaagaat ttagtctaata aatttcagtt 2340
aggcgctcat cagttctcca gagtgggtga gtttgtaata cttgtgttaa agaataatgg 2400
cttggtcacg tgtg 2414

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<210> 2142
<211> 1050
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (570)...(1053)
<223> similar to gil009337 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 2142
gttgctgtg cccctggagt ctgtaaaaga gatgcttaag tcagtcatgc aggaactcga 60
agactatagt gaaggaggct ctctctataa aaatgggtct ttgcgaaatg cagattcaga 120
aataaaacat tctacacat ctctaccaa atattcacta tcaccaagta aaagttacaa 180
ggtaaacagg aaagaatggg aatcatttca ttgtgaaatt gtttctaagt gttttaaatg 240
ctcttttgtt atttttattt ttttttttag gtatttctcc aaacaccac ctcgatgggg 300

```



```
gcagaaggat caggaattct ttacggaaaa tgatttgcca agaagtaaag gccattacga 360
aactaaatag cagtaagtca gcatcccgtc atcgttggcc cacagagaat tatggaccag 420
actcggtgcc tgatggatat caggggtcac agacatttca tggggctcca ctaacagttg 480
caactactgg cccttcagta tattatagtc agtcaccagc atataattcc cagtatcttc 540
tcagaccagc agctaattgtt actcccacaa aggggttcttc taatacagaa ttttaagtcaa 600
ccaaagaagg attttccatc gctgtgtctg ctgatggatt taaatttggc atttcggaac 660
caggaaatca agaaaagaaa agtgaaaagc ctcttgaaaa tgatactggc ttccaggctc 720
aggatattag tggccagaag aatggccgtg gtgtgatttt tggccaaaca agtagcactt 780
ttacattttg agatgttgca aaatcaactt caggagaagg atttcagttt ggcaaaaaag 840
acccaattt caagggattt tcagggtgctg gagaaaaatt attctcatca caatgcggtg 900
aaatggccaa taaagcaaac acttccgggtg actttgagaa agatgatgat gcctataaga 960
ctgaggacag cgatgacatc cattttgaac cagtagttca aatgcccga aaagtagaac 1020
ttgtaacagg agaagaagat gaaaaagttc 1050
```

```
<210> 2143
<211> 1302
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (49)...(1264)
<223> similar to gi294543 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<400> 2143
cgggcacatt gtaccttgag aacctttgac gccacccttg gcacgagggc tgagtctggt 60
acggaagttg agatttttgg taaagcaact tcaattgacc caaataccta catcacttgg 120
attgataaat accaggccca gcttgtggtt ttgtcagccc agatagcctg gtctgagaac 180
gtggagaccg cactgagcag catgggcgga ggtggagatg ccgcgccctt gcactctgtg 240
ctgagcaatg tggaggtcac cctcaatgtg ttagcagact ctgtcctcat ggagcagccc 300
ccactccgaa ggcggaagct agaacacttg attacagagt tggttcacca gagagatggt 360
acaaggctct tgatcaaaaag caagattgac aacgccaaat cttttgaatg gctcagccag 420
atgcgatttt actttgaccc taagcaaact gatgtgttac agcagttgtc aattcaaagt 480
gcaaatgcc aatttaacta tggctttgag tacctgggtg ttcaggacaa actggtccag 540
acccccctca ctgaccgctg ctatttgaca atgacacaag ccttggaggc caggctgggg 600
ggttccccat ttggacctgc tggaaactggg aaaacagagt ctgtcaaagc tcttggccat 660
cagcttggac ggtttgtttt agtttttaac tgtgatgaaa cttttgattt ccaggcaatg 720
ggccggatct ttgtgggcct ttgccagggtg ggtgcctggg gctgctttga cgagttcaac 780
cgcttgagg agcggtgct ctcggctgtg tcccagcagg tgcagtgcac acaggaagca 840
ctgcgtgaac attccaaccc caactacgac aagacctctg ccccatcattac ttgtgagctg 900
ctgaacaaac aagtcaaggt gagcccgac atggccatct tcatcaccat gaacctggc 960
tacgcgggcc ggtctaacct tcctgacaac ttgaagaagc tgttccggag cttggccatg 1020
accaagccc accggcagtt aatcgcccag gtcattgctg actcacaggg tttccgact 1080
gctgaagtgc ttgccaacaa aatcgctccg ttttttaaac tatgcgatga gcagctctct 1140
tcccaaagcc attatgactt cggctcttcg gctttgaaga gtgtgctggt gagtgcaggc 1200
aatgtgaaga gagagagaat ccagaagata aagagggaga aagaggaacg aggggaagca 1260
atgactatct tgtagtacac atgaagcaca aggggaaaga aa 1302
```

<210> 2144
 <211> 632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(578)
 <223> similar to gi3540281 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2144
 ttccgggtcg acccacgcgt ccgcccacgc gttcgggttg tggctttttt ggccaaggag 60
 cagaaggaag attacttgcc tgttctcagg gtggtcagtg ttaccatcca tactgtgtca 120
 gtattaagat cactaaagtg gttcttagca aagggttgag gtgtcttgag tgcactgtgt 180
 gtgaggcctg tgggaaggca actgacccag gaagactcct gctgtgtgat gactgtgaca 240
 taagtatatca cacctactgc ctagaccctc cattgcagac agttcccaaa ggaggctgga 300
 agtgcaaatg gtgtgttttg tgcagacact gtggagcaac atctgcagggt ctaagatgtg 360
 aatggcagaa caattacaca cagtgcgctc cttgtgcaag cttatcttcc tgtccagtct 420
 gctatcgaaa ctatagagaa gaagatctta ttctgcaatg tagacaatgt gatagatgga 480
 tgcattgcagt ttgtcagaac ttaaatactg aggaagaagt ggaaaatgta gcacacattg 540
 gttttgattg tagcatgtgc agaccctata tgcctgcgtc taatgtgcct tcctcagact 600
 gctgtgaatc ttcacttgta gcacaaattg tc 632

<210> 2145
 <211> 821
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (260)...(712)
 <223> similar to gi5901834 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2145
 ataattagta catgccaaaa ttcattgattt tccatttaga gatgcacaag agtggttgat 60
 acaaagtaat agtacttaca gtacacgggt atgggtacgg cagaaaccac agaagtggta 120
 cacaaaagat caaagcttag gaaacactgt tgggcctttg attatgagaa gctctgcagt 180
 tgataacaag tttattttta atggttggtg tctgaaatta aaacttttat atacatattt 240
 tattctagat gattttttcc cctctgtcac tgtgctgggc cggggaatgt ctggaagact 300
 tgcttgggca caacagcttt gtcttttacc cagaggagca aaagcaaadc agaagctttt 360
 tgtacctgaa cctcgcccag ttccataaaa tgacgttgga tttaaatatt ctgtgaaaca 420
 tcggccattt cctgaagagg tggacaagat tccttttgtg aaagcagatc tcagcattcc 480

```

agatttgcac gaaatagtca ctgaagaatt agaagagaga cacgaaaaat taaggagtgg 540
catggcccag cagattgctt atgaaataca ccttgagcaa cagagtgagg aggaattgca 600
gaagagaagt ttctctgacc cagttacgga ttgcaagccc ccgcctcctg cccaggaatt 660
ccaaacagcc cgcctttttc tctcacactt tggatttttg tccttagaag cactgaaggt 720
aattttcatg aacttttatg aataaatata ttcacaagtt aacattcagc tgacaatagc 780
taaaatattt ttatcaggat agaagcgaat taaaaaaaaa a 821

```

<210> 2146

<211> 608

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (50)...(610)

<223> similar to gi3451312 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2146

```

ctgcgggacc ctcattcttg aggcccgggc ctatgtggga ccgcacgtcc tggcagtggc 60
gaccgcgaca gggttctgca cggcaaaagg gggcctggtg agctccatct tgcacccccg 120
gcccataaac ttcaagttct ataaacacag catgaagttt gtggctgccc tctctgtcct 180
ggctctcctc ggcacatct acagcatctt catcctctac cgaaaccggg tgcccttgaa 240
tgagattgta atccgggctc tcgacctggt gaccgtggtg gtgccacctg cctgcctgc 300
tgccatgact gtgtgcacgc tctacgccc gagccgactg cggagacagg gcattttctg 360
catccaccca ctgcgcatca acctgggggg caagctgcag ctggtgtggt tcgacaagac 420
gggcaccctc actgaggacg gcttagacgt gatgggggtg gtgcccctga aggggcaggc 480
attcctgccc ctggtcccag agcctcgccg cctgcctgtg gggcccctgc tccgagcact 540
ggccacctgc catgccctca gccggctcca ggacaccccc gtgggcgacc ccatggactt 600
gaagatgt 608

```

<210> 2147

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(300)

<223> similar to gi2239242 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2147

tacatcaact	atcgcgacag	caagctcacc	cggctcctga	aggactctct	gggaggaaac	60
agccgcacag	tgatgatcgc	tcacatcagt	cctgcgagca	gtgccttcga	ggagtcccgg	120
aacaccctga	cctacgccgg	ccgggccaag	aacattaaga	ctaggggtgaa	gcagaacctc	180
ctgaacgtct	cctaccacat	cgcccagtac	accagcatca	tcgctgacct	gcggggcgag	240
atccagcgac	tcaagcgcaa	gattgatgag	cagactgggc	ggggccaggc	ccggggccgg	300
caggatcggg	gtgacatccg	ccacatccaa	gctgagggtcc	agctgcacag	cgggcagggt	360
gagaaggctg	gcatgggaca	gcttcgggag	cagctcgcca	gcgccttcca	ggagcagatg	420
gatgtgcgga	ggcgcctgct	ggagctggag	aaccgcgcca	tggagggtcca	gattgacacc	480
tcccgacacc	tgctcaccat	cgccggctgg	aagcacgaga	agtcccgccg	ggccctcaaa	540
tggcgggagg	agcagcgaaa	ggagtgtctac	gctaaggacg	acagcgagaa	ggactcagac	600
acaggtgatg	accaaccaga	catcctggag	ccacccgagg	tggccgcagc	ccgggagagc	660
attgcagccc	tggtggacga	gcagaagcaa	ctgcgcaagc	agaagggtgtc	cagggtttgg	720
ggggacaagg	agagtgggtt	taggggact				749

<210> 2148
 <211> 729
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (218)...(656)
 <223> similar to gi2224703 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2148						
tgcttggcac	gaggcaat	taaaaagaa	aaaagaat	catagctgtg	tgccctgtca	60
cccccttcag	gcaaataaaa	gaaatctgtc	cacatgaggg	tgccctccctc	tttcaaggca	120
ccctcccat	cttgacccaa	gtcagtagac	cttctcacac	cctgtacccc	atgtctgtctg	180
ctcaccagtt	gcttgtgtga	cttgcgcctg	ctctttgcag	ctcctcaagt	tcacccaga	240
gaagagtgc	attgacctcc	tggaggagca	caagcatgaa	attgagcgga	tggcccggtgc	300
tgaccgcttc	ctctatgaaa	tgagcagggt	gggccatggg	catggtgggg	attcaagcag	360
gtgggggttct	ggcaggtggg	gcaggtgggg	ctctgccaag	aggaagggga	tggaggtggg	420
caggcttgag	aggagactgg	agctggctcc	gggagctggg	gctggccagg	ataggggtgg	480
gatacctcaa	tatatggttc	accttgtcta	caggattgac	cactaccagc	agcgactgca	540
agccctcttc	ttcaagaaga	aattccagga	gcggtctggc	gaggcaaagc	ccaaagtgga	600
aggtagggct	gaggggttgca	ggaggcttag	agtgcagact	tatctgagaa	aggcagcggtg	660
gctgggagcc	agtgaatagg	ggcagaggga	aaccaaattc	ttattctcaa	cccaaaaaca	720
aaaacaaaa						729

<210> 2149
 <211> 858
 <212> DNA
 <213> Homo sapiens

 <220>

<221> misc_feature
 <222> (292)...(847)
 <223> similar to gi2280485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2149
 ctatctgggc actggccact gtggctttgt attcctctaa cgtggctgcc aaggctgctt 60
 ttccctttctg ctcagactca ataattcgct ccatatgggtg actgcgttct ttgagtgtccc 120
 ctatcatttc ttgagcttcc ttattgtctt gttctgccat tttcaaagta ttgcttaaat 180
 gctgctggac accaagaagc tgctcccgtt caaaacgggc attctcagcg aggtccatgt 240
 aacgttgctc taattccata tagcgccac tttttacatc tcatatctatg acagattgaa 300
 tacttccgct ctcttctaga tgagcatcac atttcttatg tcatagatga agatgtaaaa 360
 agtgggctgct atatggaatt agagcaacgt tacatggacc tgcgtgagaa tgcccgtttt 420
 gaacgggagc agcttcttgg tgtccagcag catttaagca atactttgaa aatggcagaa 480
 caagacaata aggaagctca agaaatgata ggggcactca aagaacgcag tcaccatatg 540
 gagcgaatta ttgagtctga gcagaaagga aaagcagcct tggcagccac gttagaggaa 600
 tacaaagcca cagtggccag tgaccagata gagatgaatc gcctgaaggc tcagctggag 660
 aatgaaaagc agaaagtggc agagctgtat tctatccata actctggaga caaatctgat 720
 attcaggacc tcctggagag tgtcaggctg gacaaagaaa aagcagagac tttggctagt 780
 agcttgccagg aagatctggc tcatacccga aatgatgcc aatcgattaca ggatgccatt 840
 gctaaaggta gaggatga 858

<210> 2150
 <211> 569
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (70)...(570)
 <223> similar to gi4101751 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2150
 ccgacttcta gcaaaaacca ttactctttt ttttcttttg gcattactaa actctcagat 60
 tgggttttcc ttgagttccc tttagacaat cctcccagg ttggaagtgt tcctgtcaca 120
 atcaaagtct tagatgtgaa tgacaatgct ccagagttcc ccagattcta tgaagctttt 180
 gtctgtgaga acgccaaggc aggacagctg atccagacag tgagtgcggt ggaccaagat 240
 gaccacgcga atggtcagca tttctactac agcttggtc ctgaggctgc taacaacccc 300
 aactttacca taagggacaa ccaagataac acagcacgga ttctaaccag gaggtctggt 360
 ttccggcagc aggagcagag tgtctttcac ctgcctatcc tgatagcaga tagcgggcag 420
 cccgtgctga gcagcacagg cactactgacc atccaagtgt gcagctgtaa tgacgacggc 480
 cagctcatgt cctgcagccc agaggcctac atgctcccag tcagtttgag ccggggcgcc 540
 ctcattgcca tcctcgctg catcttttg 569

<210> 2151
 <211> 371
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(369)
 <223> similar to gi3980007 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2151
 caggaacata tcataaaaaa gttaatttaa gaaaataaga agcatcagga gctcttcgta 60
 gacatttggt cagaaaaaga caatttaaga gaagaactaa agaaaagaac agaaactgag 120
 aagcagcata tgaacacaat taaacagtta gaatcaagaa tagaagaact taataaagaa 180
 gttaaagctt ccagagatca actaatagct caagacgtta cagctaaaaa tgcagttcag 240
 cagttacaca aagagatggc ccaacggatg gaacaggcca acaagaaatg tgaagaggca 300
 cgccaagaaa aagaagcaat ggtaatgaaa tatgtaagag gtgagaagga atctttagat 360
 cttcgaaagg a 371

<210> 2152
 <211> 800
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(797)
 <223> similar to gi2852363 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2152
 attttgtggt ggatccctat tctggagtc taaagtcaaa tgtctcattt gatagagagc 60
 agcagagttc ctacactttt gatgtcaaag ccactgatgg aggacaacca cctcgttcct 120
 ctactgcaaa agtaactatc aacgtcatgg atgtcaatga caacagccca gttgtcattt 180
 ctccacggtc taatacttcc ttttaagttgg tgccctctc agccattcct ggctccgtgg 240
 tagcagaagt ttttgacgtg gatgttgaca ctggaatgaa cgctgaacta aagtatacta 300
 tagtgagtggt aaacaataaa ggcttattcc ggattgatcc agtaacagggt aacattactc 360
 tggaagaaaa accagcacct actgatgtgg gattgcatcg tttggtgggc aacataagtg 420
 acctggggta ccctaagtct ttgcacacgc ttgtgcttgt attcctttat gttaacgaca 480
 ctgctggaaa tgcctcctat atctatgact tgatccgcag gactatggag accccgttgg 540
 acaggaacat aggggatagt agccaaccct atcaaaatga ggactatcta accatcatga 600
 ttgccatcat cgccggtgcc atgggtggtca ttgttgtgat cttcgtcacc gttctggtgc 660
 gctgtcgcca tgcataagg ttcaaagcag ctgagaggag caagcaagggt gccgaatgga 720
 tgtcccaaaa ccaggagaac aagcaaaaca agaaaaagaa aagaaagaaa aggaagtctc 780

ccaaaagctc tcttttgaac

800

<210> 2153
<211> 399
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(401)
<223> similar to gil842429 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2153
agcacgctac cgctttaccc tcagcgccag gacgcagggtg ggctctgggg aagccgtcac 60
agaggagtca ccagcaccac cgaatgaagc tactccaacc gcagctcctc ccacattgcc 120
cccgactacc gtgggtgcga cgggcgctgt gagcagtacc gatgctactg ccattgctgc 180
caccaccgaa gccacaacag tccccatcat cccaactgtc gcacctacca ccatggccac 240
caccaccacc gtcgccacaa ctactacaac cactgctgcc gccaccacca ccacggagag 300
tcctcccacc accacctccg ggactaagat acacgaatcc gccctgatg agcagtccat 360
atggaacgtc acggtgctcc ccaacagtaa atgggccaa 399

<210> 2154
<211> 667
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(668)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(463)
<223> similar to gi51553 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2154
tacacttgaa gagggagcac aaagaagaaa ttgaaaacct gcaggcacag tttgaacttc 60
gggcatttca tatccggggc gagcatgcaa tgataacagc gagactagaa gaaaccattg 120
aaaatctgaa acacgagcta gaacacagat ggcgaggggg ttgtgaagag aggaaagatg 180
tgtgcatttc caccgatgat gactgccctc caaagacctt cagaaatgtg tgcgtccaga 240

```

cagacagaga gaccttcctc aagccctgtg aaagtgaaag caagacaacc agaagtaatc 300
aattagtacc caaaaagctg aatatctcct ctttaagcca gctctcacc ccaaatgacc 360
acaaagacat ccatgcagca ctccagccaa tggagggcat ggcacaaat cagcagaagg 420
cattgcctcc gcctcccgc tccatccctc ccctgcccct cnnnnnnnnn nnnnnnnnnn 480
nnnnnnnnng gggggggaaa ttaaaagaaa aaggattttt tgtggggggg tggcgacaaa 540
aggggttttt tattagtcac caaaaattgaa aacttggggg ccggtttaaa aaacagggga 600
gagggaaaaa aggggggggg ccccaaaatt atcccttttc aaaaaacccc ctttttcccc 660
cccgggg

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<210> 2155
<211> 662
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(648)
<223> similar to gi968973 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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```

<400> 2155
ctgaagtcaa cgcaagacga aatcaaccag gcaaggagca aactgtccca gctgcatgaa 60
agccgccagg agggccacag gagcctggag cagtatgacc aggtgctcga tggagcccat 120
ggtgccagcc tgaccgacct ggccaacctg agcgaaggcg tctccctggc agagaggggc 180
agttttggag ccatggatga tcttttcaaa aataaaagcct tgttatttag caacaacacg 240
caagagttgc atccggatcc tttccagaca gaagaccctc tcaaatctga cccattttaa 300
ggagctgacc ccttcaaaag cgaccggtc cagaatgacc cctttgcaga acagcagaca 360
acttcaacag atccatttgg aggggaccct ttcaaagaaa gtgaccattt ccgtggctct 420
gccactgacg acttcttcaa gaaacagaca aagaatgacc catttacctc ggatccattc 480
acgaaaaacc cttccttacc ttcgaagctc gacccttttg aatccagtga tcccttttca 540
tctccagtg tctcctcaaa aggatcagat ccctttggaa ccttagatcc cttcggaagt 600
gggtccttca atagtgtcga aggctttgcc gacttcagca ctattgaagg tcgacgcggc 660
cg

```

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<210> 2156
<211> 371
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(372)
<223> n = a,t,c or g

<220>
<221> misc_feature

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<222> (267)...(365)
 <223> similar to gi37543 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2156
 aactccccta gaccctcagg gccacacta aatgtgatga aataggacgc aagccacata 60
 tttacttttg cattttacag taaccatatt ttaaaaagta aaacaaaaga agtgaaggta 120
 attggaataa tatcacagat ttaaataaat ctatccaaaa taccagggtct acatgtataa 180
 actattttta cattaacaca atgcttttctt tttatattaa ggcctcacia tctaattgtgt 240
 atctgacact tctcacacat ctcagtatca tggcagcacc ccataatggga ggccctccca 300
 tgatgccaat gatggggccct cctcctcctg ggatgatgcc agtggggacct gctcctggaa 360
 tgangctcgc a 371

<210> 2157
 <211> 694
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3)...(697)
 <223> similar to gi220418 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2157
 atgtcctgga tgcactggcc aaggctctgg gctttaaata tgagattttac caagcccctg 60
 atggcaggta cggtcaccag ctccataaca cctcctggaa cgggatgatc ggggagctca 120
 tcagcaagag agcagacttg gccatctctg ccataccat caccacagag agggagagcg 180
 ttgtggactt cagcaagcgg tacatggact attcagtggg gattctaatt aagaagcccg 240
 aggagaaaat cagcatcttc tccctctttg ctccatttga tttcgctggg tgggcctgca 300
 ttgcagcagc catccctgtg gttggtgtgc tgatatttgt gttgaacagg atacaggctg 360
 tgagggctca gagtgcctgc cagcccaggc cgtcagcttc tgccactctg cacagcgcca 420
 tctggattgt ctatggagcc ttcgtacagc aagggggcga atcttccgtg aactccatgg 480
 ccatgcgcat cgtgatgggc agctggtggc tcttcacgct cattgtgtgc tcctcctaca 540
 cagccaacct tgctgccttc ctcacagtgt ccaggatgga caaccccata aggactttcc 600
 aggacctgtc caaacaagtg gaaatgtctt atggcactgt ccgggattct gctgtatatg 660
 agaacttccg agccaagggc accaaccctt tggg 694

<210> 2158
 <211> 404
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> similar to gi5689485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2158
 ctgaaacatg ggcgcaatcc aaaccttaag gatatctacg gcaacactgc tctccattat 60
 gctgtgtata gtgagagcac ctccactggca gaaaaactgc tttcccatgg tgcacacatt 120
 gaagcactgg acaaggacag taatacccca cttttattcg ctataatttg caagaaagag 180
 aaaatggtgg aatttttatt gaaaaacaaa gcaagtacac atgccgttga taggctgaga 240
 tggtcagctc tcatgcttgc tgtatactat gactcaccag gtattgtcag tacccttctt 300
 aagcaaaata ttgatgtctt cgctcaagac atgtgtggac gagatgcaga agattacgct 360
 atttctcatc atttgacaaa aattcaacaa caaatTTTtg aact 404

<210> 2159
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(520)
 <223> similar to gi2440078 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2159
 gtggaattcg aagaagagtc ctccctcagag accaggatgg tggtgacatt cctcgtgtct 60
 gccctcgaat ccatgtgtaa agaactggcc aagtccaagg cagaagtggc ctgcatcgca 120
 gtgtacgaaa cagacgtgtt tgtcgtcgga accgagagag gatgcgcttt tgttaatgcc 180
 aggacggatt ttcagaaaga ttttgcaaaa tactgcgttg cagagggact gtgtgaggtg 240
 aaacctccct gccctgtgaa cgggatgcag gtccactcgg gcgaaacgga aatactcagg 300
 aaggcagtgg aggactatTT ctgcttttTg tatggtaaag ccttagggac aacagtgatg 360
 gtgcctgttc cctatgagaa gatgctgcga gaccagtcgg ctgtggtagt gcaggggctt 420
 ccggaaggcg ttgcctttca acaccctgag aattacgacc ttgcaaccct gaaatggatt 480
 ttggagaaca aagcagggat ttcattcatc ataaataggt gacacactct gcacccccgc 540
 cccttcagtt catttaaaga tgaaaccaat agcctaattt taattcactc gtgcatccccg 600
 cctgctgcgt ttcagagctg actgttcaga tgtgtcatgc ttttttcatt ggtccgtgct 660
 gggtaatggt gttgcttttc ttgcagacc ttccctaggac cagagagtca gctgggtaag 720
 tgacagcttc tcaggtttTg tggctcttct gagctgctga accacttc 768

<210> 2160
 <211> 396

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (36)...(396)
 <223> similar to gi4959147 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2160
 atgctattga aaccctcgac gatctcagaa aggagacgat gagtgtttct gacctgtgga 60
 atactctgtc tagtttgaat agtaatttaa aaaaggatga atttctagct gcattggaac 120
 tagtgacagt tgatgaaggt gacaaagtac aatttgaaga atttgcaaaa gtagtaagga 180
 atatgcgtga tgctgccagg ttagaagagt tacaggaagt tgtcttagct gctgatttgc 240
 tggaaggtga catgatagct gggaagaact tggaagactt tctaagaaat gttgggatta 300
 agtcacctaa agaagaggta gagaaaattc ttcaatcaga ttttgtttct gaagataaca 360
 tggatgaacat taaagactgt atgagggcct tgaggg 396

<210> 2161
 <211> 752
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (16)...(744)
 <223> similar to gi5420389 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2161
 cggacgcgtg ggggatctgg caatagctcc caaccctcac ttcgtgaggg ccacgacaaa 60
 cctgttttta atggagctgg aaagcctcat tccagcacct cttcaccaag tgtcccaaag 120
 acttctgcta gcaggactca gaaatctgct gttgagcaca aagccaaaaa atctctgtcc 180
 catcctagcc attccaggcc tgggcccatg gtcacccccc acaataaggc taagagtcca 240
 ggtgtcaggc agccaggcag cagctctagc tcagcccctg ggcagcccag cacaggggtt 300
 gctcgaccca cagttagttc tggccctgtg cctaggcgcc agaattggcag ctccagctca 360
 ggacctgagc gatcaatcag tgggtccaag aagccaacca atgactcaaa tccctctagg 420
 cggacagtca gtggtacatg tggccctgga caacctgcaa gcagctcagg tggccctggg 480
 cgacccatca gtggttcagt tagttctgca agacccttgg gcagctctcg tggccctggc 540
 cggcctgtga gcagtccaca tgaacttcga cgaccagtga gtggcttggg cccccggggg 600
 cggctctgtc gtggccctgg gagatccata agtggtcaa ttccagctgg acggactgtc 660
 agtaattcag tcccaggaag accagtgagc agcttgggac ctgggcaaac agttagtagc 720
 tcagggtcca ctataaagcc taagtgcact gt 752

<210> 2162
 <211> 1064
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (12)...(1064)
 <223> similar to gi4557143 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2162
 gcggtggaat tcagcagcgc aggcaagatg tattttgtga ctgcagtatt ctagttgaag 60
 ggaaggtctt caaagcacat cgaaatgtat tattcgctag gagcggctac tttaaaatgc 120
 ttctttctca gaattcaaag gagacgagtc agccaaccac agctacattt caggctttct 180
 cccctgacac ttttacagtt atcttggact tcgtatatc tggcaaactg tctcttactg 240
 gtcagaatgt catagaagtg atgtcggctg ctagcttcct tcagatgact gatgtcataa 300
 gtgtatgtaa gacttttatt aaatcttcct tagacattag tgagaaagaa aaagatcgct 360
 atttcagtct ctcagataaa gatgccaatt ctaatgggtg agaacgttcc tctttttata 420
 gggggggctg gcaagaagga agcagttctc cacgttctca cctaagccca gagcaaggaa 480
 caggtataat aagtggaaaa tcttggaata agtataatta tcatccagcc tcccagaaga 540
 atactcaaca acccttggcc aagcatgaac caaggaaaaga gtccattaaa aagaccaaac 600
 atttgagatt gtcacagcct tctgaagtta ctcatataa gtcaagcaaa cgagaagtac 660
 gaacatctga ttcttccagc catgtttccc agtctgaaga acaagcacag attgatgctg 720
 aaatggactc tactcctggt ggctatcagt acggccaagg atctgatgtc acatccaaaa 780
 gctttccaga tgatctgcct cggatgcat tcaagtgcc gtactgcaca catgtggtga 840
 agcggaaaggc agacctaaag cgccaccttc gttgtcatac aggagaaagg ccctatccat 900
 gtcaagcttg tggaaaaaga tttagcaggc tagaccatct aagtagccat tttcgaacaa 960
 ttcaccaggc atgtaaactc atctgcagaa aatgtaaacg tcatgtgaca gatctaacag 1020
 ggcaagcggg acaggaggga accaggcgct acagactgtg taat 1064

<210> 2163
 <211> 582
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (475)...(583)
 <223> similar to gi4929679 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2163
 ttattattat tttgcataga gacaagcact cactgtgtta cccaggctgg ttttgaactc 60
 ctgagcttaa tcagttctca cctgctttgc cctcccaaag tgctatgatt acaggtgtga 120
 gccaccacgc ttggccctgc ccaggagtca tttttgtatc tacaggtatc ttcctatgct 180

gagatcaagg	tagtcaagcg	ggggtcgtct	cagatctggt	tgtgctcgag	ctatgcaa	240
gcctctcacg	gagatgag	gacctatcta	ttatgatgac	cagggccaca	tccggagggg	300
gcaacagact	ttcatctatc	agcccttttc	aaccactgat	ctactaaact	ggaaacactc	360
tgaaccctgc	catcttgctc	ctggtatcag	agagccctgt	cgtgcataac	tgtgtagaag	420
tgttgactc	agtttactcc	agcagacctg	atctccggga	ccagccttgg	gcatcagtag	480
actggaagct	atatgtggac	aggagcagct	tcatacaacc	acaagg		527

<210> 2166
 <211> 1239
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(1241)
 <223> similar to gi2160381 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2166		
tgggaacgcc	gcctttgctg gccagggcgt ggtatatgag accttccaca tgagcgacct 60	
gccctcctac	acgaccaatg gtaccgtgca cgctgctgac aacaaccaga ttggattcac 120	
cacagacccc	cgaatggccc gctcctcacc ataccggacc gacgtggccc ggggtgtcaa 180	
tgcgcctatc	ttccatgtga atgcccagatga cccagaggct gtgatatatg tgtgcagtgt 240	
ggcagccgaa	tggagaaaca ctttcaaca agatgttggc gcggacctgg tctgttaccg 300	
ccggcgtggc	cacaatgaga tggacgagcc catgttcacc cagccgctca tgtacaagca 360	
gatccacaga	cagggtgcctg tgctgaagaa gtacgcagac aagctgattg ccgagggcac 420	
agtcaccctg	caggagtgtt aggaagaaat tgccaaatac gaccggatct gtgaggaggc 480	
ttatggcagg	tccaaggata aaaagattct gcatataaag cactgggttg actccccctg 540	
gcctggcttc	ttcaacgtag atggggagcc caagagcatg acatgccag ccacggggat 600	
ccctgaggac	atgctcacc acatcggcag tgtggccagc tctgtgcccc tggaggactt 660	
taagatccac	actggcctct ctgcattct gcggggccgt gcggacatga ccaaaaaccg 720	
gacggtggac	tgggcgttgg cagagtacat ggcctttggc tccctgctga aggaaggcat 780	
ccacgtgcgg	ctcaacgggc aggatgtgga gaggggcaca ttcagtcacc ggcaccatgt 840	
tctccatgac	caggaggttg accgcaggac gtgtgtgcct atgaatcatc tctggcctga 900	
ccaggccccg	tacaccgtgt gcaacagctc cctctcggag tacggagtcc tgggctttga 960	
gctgggctat	gccatggcca gcccacatgc cctggctctc tgggaggccc agtttgggga 1020	
cttcacaaac	acggcccagt gcatcatcga ccagttcatc agcaccggcc aggccaaagt 1080	
ggtgcggcat	aatggcattg tgctgctgct gcccacatggc atggaaggca tgggcccaga 1140	
gcactcgtca	gcgaggcccc aaaggttcct gcagatgagc aatgatgact cggatgccta 1200	
ccctgcattc	accaaggact tcgaggtgag ccagctctg	1239

<210> 2167
 <211> 552
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (225)...(441)
 <223> similar to gil1340076 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2167
 aagggtacgg gcagattgag attacagaag gatcccaactg gttgccttgt gtgaggaccc 60
 agggagaagg gggaggctgt ccctgtttga gtaggagatg agagctactg gtggctatga 120
 gtggaaaagaa gtgagcagag gtgagcagaa atccaagga ctggtgatga taggatgatg 180
 gtgggaacca ggatgggctt tgggcagacc ctgacccctc tctctgcctg tcggcccacc 240
 agataataat ccctgtgttc ctgggcgagt cagtgccacc cgagatgttg gcggccactt 300
 tggctgagct ggacggatgc ctgcagctgc tcgaggacaa gttcctgcgg gaccaggcct 360
 tccttactgg gccccgtatc tctgtggctg gcttgggtggc aatcacggag ctgaggcatg 420
 agagtgccat ggggtgcggt ggcccgtctg gcagtgggtg atccgggaag ggagctgaca 480
 tcccagctca tgttgtcttt tctggctgtg ggaccctgtg tgagtcactt ctccttctga 540
 gcctcgaatt cc 552

<210> 2168
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(178)
 <223> similar to gi3273089 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2168
 ggcttcggcg ctgcccgtgt gcggagcctc ttttaaggaag cccgagcccg ggccccctgc 60
 atcgtctaca tcgatgagat cgacgcggtg ggcaagaagc gctccaccac catgtccggc 120
 ttctccaaca cggaggagga gcagacgctc aaccagcttc tggtagaaat ggatggtgcc 180
 tctcttgacc agctaccctc ccaggggacc atgaggaagc tcagaggaaa gacccccgcc 240
 tgctcctgtc tcacggagcc cacagggtca cggagggcaa tggagggtca ttcgctctgc 300
 tgggggttgc ttttgcactg aagatagaga ccacctttt gagtgacttg agcccaaagg 360
 caagcgtata tcaaacgata ttctccacat aacctctctg tgccatcata agaatactg 420
 cttccgcccc cggatttgct caggcctggg aatccgctga ctgaaggcct cttgttgagt 480
 gccagctcta aacaagtccc tttatgcaga gccacagctg tgcatgctca gccctgccga 540
 ggtccaggc caggctttgt tgcttccgtt catggaagcg cacaggatgg ggccgacgct 600
 gtgccggtcg tggggaaatc tactgggga agagaaaagc ccaagccttg ttggttacgt 660
 cagccggtcc atggcggtgt cctgcggacc ccaaagcccc cgggaagggc gcaagtcaaa 720
 gagcactgga gg 732

<210> 2169
 <211> 472
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (276)...(391)
 <223> similar to gi4809337 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2169
 gggttgcaacc caagatagtt gcttctagca agcttggagc caagagacct aggttcaaac 60
 cctgaactca gcacaagtcc ctttacctct ctgggcctgt ttcttgccct tcgtggataa 120
 cataaaggca ctgcttagcc atcaggcact gtgtctggct gtagcaacta tcattattgt 180
 catcctcctc atgggctgtg acatggggaa aaaaaatcct ggctgccact ggagtgtaaa 240
 cggctcctggg gttgcctcct cagaggccct tcctgtgtgc ctcccaggca ctgtcccaga 300
 gccacccttc aggaatccag gccacaccc agctccagct gcccgagtgg ctcagtcgcc 360
 cagcggcctc tctgctgact gaggtgaggg gtaaccggc cagaggaagc agctgcctag 420
 cctgaggaag gtgctgggag gggcacagaa ctgtgtctga accacgtgtg ct 472

<210> 2170
 <211> 525
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(526)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (12)...(222)
 <223> similar to gi2706522 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2170
 cggcggaatt cgaaattaat ggaatgacag gtttaaattg atctatacaa caaataacgg 60
 tgatatcgcc attttctttt agtattggtg acaccacaga actggaacca tatttacatg 120
 gaggcatagc tgtccaagtt aagactccta aaacagtttt ttttgaatca ctggagaggc 180
 agttaaaaca tccaaagtgc cttattgtgg atttttagcaa ccctgaggta aataaacact 240
 ttgcaggttt gagagaggca gcagaatcag agatgagaat tagtgagtga ttatgaagtt 300
 aaaatggaat aaccatgtag gtatctggct gtcgggcctt ataatgtgag tataataaag 360
 gttatactca catatctaaa gttgacttct gaggattaaa aatgtgaatt tgtctcatag 420
 aaaaaaatga taaagtaata ggaaaaagtt tcacttttat aatgatttgc caactttgat 480

aattataaga cgaatntcat aacttggaca aagatgatct tatta

525

<210> 2171

<211> 439

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (86)...(282)

<223> similar to gi407672 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2171

ccaccacgc	gtccgcccac	gcgttcgaga	acgatttcca	gatttactac	tgccttcatc	60
tagtcaagac	tctgaaattc	tgcccttcat	tcaatctaga	aattatccca	agctgtatat	120
tgatggctcct	tttgggaagtc	catttgagga	atcactgaac	tatgaggtca	gcctctgcgt	180
ggctggaggc	attggagtaa	ctccatttgc	atcaatactc	aacaccctgt	tggatgactg	240
gaaaccatac	aagcttagaa	gactatactt	tatttggttt	tggcaagaga	acagacctga	300
ctatgtcaac	atccagctgt	acctcagtca	aacagatggg	atacagaaga	taattggaga	360
aaaatatcat	gcactgaatt	caagactggt	tataggacgt	cctcggtgga	aacttttggt	420
tgatgaaata	gcaaaatat					439

<210> 2172

<211> 450

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (143)...(452)

<223> similar to gi3924667 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2172

ttcaggagca	ctggatgcaa	gtcggcaggt	gtttgtgtgt	ggaaatgaca	gcaaagccaa	60
gcaaagagt	atggatattg	ttcgtaatct	tggacttact	ccaatggatc	aaggatcact	120
catggcagcc	aaagaaattg	aaaagtaccc	cctgcagcta	tttccaatgt	ggaggttccc	180
cttctatttg	tctgctgtgc	tgtgtgtcct	cttgtttttc	tattgtgtta	taagagacgt	240
aatctaccct	tatgtttatg	aaaagaaaga	taatacat	cgatatggcta	tttccattcc	300
aaatcgtatc	tttccaataa	cagcacttac	actgcttgct	ttggtttacc	tccttggtgt	360
tattgctgcc	attctacaac	tgtaccgagg	cacaaaatac	cgtcgattcc	cagactggct	420
tgaccactgg	atgctttgcc	gaaagcagct				450

<210> 2173
 <211> 440
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (302)...(400)
 <223> similar to gil218058 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2173

ggaattcgat	cagtagaagt	ttgggggata	tagaaacgaa	ggtttttctaa	cttttagctt	60
tcaaggagat	tgtccggttg	ggaaagcaag	atatgaaaaa	taaatatgtc	aagaatataa	120
tccaaaacaa	tctaattaag	tgctagaagt	ttgccatgga	cagacaaagt	gctacttggg	180
aaggaagttc	cagaaacacc	acagctgggt	acattcttca	ccactctgag	tgggtggcagt	240
gacgcgttgg	ctttgtgaga	atgggtgtgtc	ttacttgaga	aagtgtgtgt	gttctgcctg	300
caggcatggg	actcgtgtg	ctggagaagt	ggcagccgct	gcaaacaatt	cgactgcac	360
agtcggaatt	gctttcaacg	ccaagatcgg	aggtatggga	aaccaactca	cgtggatgta	420
gaaatgcgcc	agttagctct					440

<210> 2174
 <211> 1032
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(732)
 <223> similar to gi2529707 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2174

gaaattcgcc	cttccgcaaa	ctcaaccctt	tcggaaacac	cttcctcaac	aggttcatgt	60
gtgcccagct	ccctaatacag	gtcctggaga	gcatcagcat	catcgacacc	ccgggtatcc	120
tgtcgggtgc	caagcagaga	gtgagccgcg	gctacgactt	cccgcccggtg	ctgcgctggt	180
tcgcgagcgc	cgtggacctc	atcatcctgc	tctttgatgc	gcacaagctg	gagatctcgg	240
acgagttctc	agaggccatc	ggcgcgttgc	ggggccatga	ggacaagatc	cgcgtggtgc	300
tcaacaaggc	cgacatggtg	gagacgcagc	agctgatgcg	cgtctacggc	gcgctcatgt	360
gggcgctggg	caaggtggtg	ggcacgcccg	aggtgctgcg	cgtctacatc	ggctccttct	420
ggtcccagcc	cctcctcgtg	cccgacaacc	ggcgcctctt	cgagctggag	gagcaggacc	480
tcttccgcga	catccagggc	ctgccccggc	acgcagcctt	gcgcaagctc	aacgacctgg	540

tgaagagggc	ccggctgggtg	cgagttcacg	cttacatcat	cagctacctg	aagaaggaga	600
tgccctctgt	gtttgggaag	gagaacaaga	agaagcagct	gatcctcaaa	ctgcccgtca	660
tctttgcgaa	gattcagctg	gaacatcaca	tctcccctgg	ggactttcct	gattgccaga	720
aaatgcagat	gaggaaactg	aggcacagtg	aagtagcccg	ctcaagatga	atgattctga	780
gtctgcactt	ctaggggtcct	aaaagtgtat	gtttctaaca	ttcctctaata	gttctgtgct	840
tccaactttg	atattccgaa	agttacttga	tttctaagat	cctaggattg	gaacatttga	900
gaggacaaaa	cttctgagat	tggaaatgtgt	gttgtgcgga	atctgccact	gacggttctg	960
acttttctaag	aaaacgagat	taaaaaataa	tcaggccgag	catggtggct	cacatctgta	1020
atcctagcat	tt					1032

<210> 2175
 <211> 1221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1222)
 <223> similar to gi4378904 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2175						
gtgagagaca	tcacctccga	ctccctcagc	ctctcctgga	cagtccccga	gggccagttt	60
gaccatttct	tgggtccagtt	taagaatggg	gacgggcagc	ccaaggcggg	gcgggtgccg	120
ggacacgagg	atgggggtcac	catctcgggc	ctggagccag	accacaagta	caagatgaac	180
ctgtacggct	tccacgggtg	ccagcgcgtg	ggccccgtgt	ctgctgttgg	tttaactgcc	240
ccaggaaagg	atgaagaaat	ggccccagcc	tcgacagaac	ctcccccccc	tgagcccccc	300
atcaagcctc	gcctggagga	gctgaccgtg	acagatgcga	cccctgactc	cctcagcctg	360
tcctggacgg	ttccccgagg	acagtttgac	cacttcctgg	tccagtacaa	gaatggggat	420
gggcagccca	aggcaacacg	ggtgccagga	catgaggaca	gggtcaccat	ctccggcctg	480
gagccagaca	acaagtacaa	gatgaacctg	tacggcttcc	acggtggcca	gcgtgtgggc	540
cccgtgtctg	ccattggggg	gacagctgca	gaggaagaaa	ctcccccccc	cacagaacct	600
agcatggagg	ccccggagcc	ccctgaggag	ccgctcctgg	gggagctaac	agtgcagga	660
tcctcccctg	actcgtgag	cctctcctgg	accgtcccc	agggccgctt	cgactccttc	720
accgtgcagt	acaaggacag	ggacgggcgg	ccccagggtg	tgcgtgttgg	gggcgaggag	780
agcgagggtc	ccgtgggggg	cctggagcct	gggcgcaa	acaagatgca	cctgtacggc	840
ctccacgagg	ggcggcgtgt	gggcccgggt	tccaccgtgg	gcgtgactgc	cccacaagag	900
gatgtggacg	agacccccag	ccctacagaa	ccaggcacag	aggccccaga	gccccccgag	960
gagcctctcc	tgggggagct	gacagtgaca	ggatcctccc	ctgactcgct	gagcctttcc	1020
tggaccgtcc	cccagggccg	ctttgactcc	ttcacctgtc	agtacaagga	cagggacgga	1080
cggccccagg	ccgtgcgtgt	tggggggccg	gagagcaagg	tactgtgag	gggcctggag	1140
cctggggcgca	agtacaagat	gcacctgtac	ggcctccacg	aggggcggcg	cctaggcccc	1200
gtgtctgcc	ttgggggtgac	g				1221

<210> 2176
 <211> 1273

004007210100

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (138)...(1273)
 <223> similar to gi5824511 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2176
 tttcgtgtga catggcggag gccgcggcgc tgggtgtggat tcgcggccct ggcttcgggt 60
 gcaaggcggg gcggtgtgcc tcgggtcggt gcaccgtccg ggattttatc caccggcact 120
 gccaatgca gaatgttcca gtggaaaact tctttgtgaa atgcaatgga gcactcatta 180
 acaccagtga cacagtgcag catggagctg tttatagttt ggaacccaga ctttgcgggtg 240
 gaaaaggagg ttttggatct atgctccgag cacttggtgc tcagattgag aagacaacca 300
 atcgagaagc ttgtcgggat ctgagtggaa ggagactacg cgatgtcaat catgaaaaag 360
 caatggctga atgggtaaaa caacaagccg agcgagaggc tgaaaaggag cagaagcggc 420
 tggagcgact gcagcgggaag cttgtagaac ccaagcactg cttcaccagc cccgactacc 480
 agcagcagtg ccatgagatg gctgagcgtc tggaggattc cgtcctcaaa ggtatgcagg 540
 ctgcctccag caagatgggt tcagcagaaa tcagtgcagaa tcggaaacgg caatggccta 600
 ctaaatctca aacagacaga ggagccagtg cgggaaagag gagatgcttc tggttgggca 660
 tggagggact agagactgca gaagggtcca actctgagag ttcagatgat gacagtgaag 720
 aagcaccaag cacttcagga atgggtttcc atgctccaaa aattggtagc aatgggtgtcg 780
 agatggcagc caaatttccc agtggttctc agagggcgag agtagtgaat acagaccatg 840
 gatcaccaga acaactgcag atcccgggtga ctgactctgg gaggcattat ttagaagact 900
 catgtgctga gctgggggag tccaaagagc acatggaaag caggatgggt acagaaacag 960
 aagagaccca ggagaagaag gcagagagta aagaacccat agaagaggag cccactgggg 1020
 ctggactgaa taaggataaa gagacagaag aaaggactga tggggaaaga gttgctgagg 1080
 tagcacctga agaaagggaa aacgttgccg ttgccaaact gcaggaaaagc cagccaggaa 1140
 acgcagttat tgataaggaa actatagatt tattggcggt cacctctgtt gcagaactgg 1200
 agttgctggg tttggagaag ctcaaagtgt aactgatggc ccttggactg aaatgtgggg 1260
 gcactctgca gaa 1273

<210> 2177
 <211> 170
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (26)...(163)
 <223> similar to gi3025832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2177
 ccccggcgag gggggggggg gttttccccc cccccccca aaaaattttt tttttccccc 60
 aagcccctta aattttttgg gggggggggg gcccaaattc cccccccca aaaaagggtt 120

tttttcaaaa aaccccccg gggttttttaa aacccccccc aaaaaaaaaa

170

<210> 2178

<211> 489

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (314)...(491)

<223> similar to gi3360512 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2178

ccgacgattt	cgtgaggcgg	cagccagggtg	gggttccagc	cagagcacgc	acgcacggag	60
ccgggagcat	gcagcctgca	ctgcggggga	tgtgatgctc	ggctctaact	cgcttggtg	120
gcccgccacg	gacgcctcag	cttgcaacca	tggtaacgtt	tctggcgggg	gacacccccg	180
ggagcccacc	gcgatgggca	gcctcctggt	gactgatgga	cgagtgtcca	cctcccagac	240
cgagagcgct	tagtaggtcg	gaggaagtgg	agaggatgta	acacgcccc	agccgggagt	300
gaagccctga	ggagctcctc	cccccttcgt	tcccaccctc	aagtctgacg	atgacacctc	360
caattttgat	gaaccaaaga	agaattcgtg	ggtttcatcc	tctccgtgcc	agctgagccc	420
ctcaggcttc	tcgggtgaag	aactgccgtt	tgtggggttt	tcgtacagca	aggcactggg	480
gattcttgg						489

<210> 2179

<211> 457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(458)

<223> similar to gi3712831 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2179

cgacgatttc	gtgtgggcac	cgaggaggag	ctgccgcggc	tgttcgccga	ggagatggag	60
aatgaggacg	agatgtcaga	agaagaagat	ggtggtcttg	aagccttcga	tgactttttc	120
cctgtggagc	ccgtgagcct	tcctaagaag	aagaaaccca	agaagctcaa	ggaaaacaag	180
tgtaaaggga	agcgggaagaa	gaaagagggg	agcaatgatg	agctatcaga	gaatgaagag	240
gatctggaag	agaagtcgga	gagtgaaggc	agtgactact	ccccgaataa	aaagaagaag	300
aagaaactca	aggacaagaa	ggagaaaaaa	gccaagcgaa	aaaagaagga	tgaggatgag	360
gatgataatg	atgatggatg	cttaaaggag	cccaagtcct	cggggcagct	catggccgag	420

tggggcctgg acgacgtgga ctacctgttc tcggagg

457

<210> 2180
<211> 493
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (38)...(393)
<223> similar to gil90897 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2180
tttcgtcgag cgccttgccg acctccacgc tgcctgcgcc ccgcgccgca aggtggcgct 60
cctcttgag gtgtgcagag atgtctatgc gggcctggct cgaggcgaga accaagatcc 120
cctgggggcc gacgccttcc tgccggcgct gaccgaggaa ctcatctgga gcccgacat 180
tggggacacg cagctggacg tagagtttct tatggagctc ttagatccag atgagctgcg 240
gggagaggct ggggtactacc tgaccacgtg gtttggggcg ctgcaccaca ttgcccacta 300
ccagcccga acagaccgcg ctccccgggg gctcagctcc gaggcccgcg cctccctgca 360
ccagtggcac cgcaggcgga cgctgcacag aaaggatcat cccagagccc aacagctgga 420
ctgaccctgg ctggtcgaag agccctggcc agatgtcctg tggacagacc caatttctgg 480
cctcgtctgc tgg 493

<210> 2181
<211> 455
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(457)
<223> similar to gil742441 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2181
ggaaatagat attatctata aaatcctgct ggattctgat ttaggcagta gtttgcctct 60
aagccaggct gattttggcc tgtggtttta ccataaaggc cgacattatt ttagtggtat 120
tgccgaagta ggccatatct cccgtctgat tcaggatttc gacggtattt tcaatcaaac 180
catgcgtaac accagaaatt tgaataacag aagtctgcgg gtgaaatttt tattacagat 240
aagaaatacc gtatcgcaaa ttattacctt gctgcgtgaa ttgtttgaag aagtatcgcg 300
ccacgaagtc ggtatggatg tactgacgaa attacttaac cgccgtttcc taccgactat 360
cttcaaacgc gaaattgccc atgccaaccg gaccggtaca ccgctgtcag tgctgattat 420

<210> 2182
<211> 991
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(992)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(85)
<223> similar to gi4884158 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2182
cgccctgggg ccggggccgg gcggcaccgc ggtgcgcaag cgcaaccgtc ggtgggtcgg 60
ggatcgggtcg cctgagaggt gagtgagggg cactgcgctg agcctggtgg gtctggggtc 120
tgcggtctcgg ggcccacggg gcccacaaagc tcgtaagagt ttggggatcg tgaggccagg 180
gtcaccgcga ccgcgggggt cctgtgagta ggcggtgcgg aggggaaact gaggccgggc 240
gccatcgggc aggccttcg agccctgatc tcccttcccc agggcccagg tcctggaaat 300
gctggtccgc ggccctggtgg cgaggacggc gggaggggaa ggcgccccgc atgtagttag 360
cgctcgctgg gtgttcgctg ccgttcgctt cttattaacc gcctggaaac gtcgtccctg 420
tgactcaggg acccccgttt gtggggactg aagtcggaac tctggttcca gcgcgccag 480
tccctacctg ggtgaccttg cccagcctct tggtctctcg gaggcctcagt tttcccctct 540
gtaaaacggg cgttgtttcaa aagtccctgc ctaggagaag gagagccgca ggggtccagcg 600
gaatctgaga actccaaaga attagcaggc gttcgtctta tatcatgttt agagtcttct 660
tctgcatatc gggctagagg tgggggaaat ctgggattca ggaccgtcca ccaccacctc 720
ccaccgctg tgtaaacctg ggtgagtccc cttccctctc tgagctaact gttccttctt 780
tcgcaaacga ggtgtaaaag cagatgcctc ggagggtcat tatgaggata aaccacatt 840
caattatttg atcaggcgcc tggaaactga taagagagag ctggcttgag aatagctggt 900
cttgtatta ggtgccagaa aactgcagtg tantgtgccc ctgagagggt gaatgattgg 960
cccattttct tttggttctg tctctgatta t 991

<210> 2183
<211> 530
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (138)...(530)
<223> similar to gi403440 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2183
gtccctacag cagcccctcg gagcaagtcc tcctgggagg gccagccac ctggcctctg      60
aggaggagag ccaggggcgg tcagcccaac ccctgccag cacaagacc ttcgcattcc     120
agacacagat ccagaggggc cgcttcagcg tggcgcgga atgctgggag aaggccagcg     180
ggcgggcgct ggccgccaag atcatcccct accacccaa ggacaagaca gcagtgtctg     240
gcgaatacga ggccctcaag ggctgtcgcc acccgacct ggcccagctg cagcgagcct     300
acctcagccc ccggcacctg gtgtctatct tggagctgtg ctctgggccc gagctgtctc     360
cctgcctggc cgagagggcc tcctactcag aatccgaggt gaaggactac ctgtggcaga     420
tggtgagtgc caccagtac ctgcacaacc agcacatcct gcacctggac ctgaggtccg     480
agaacatgat catcaccgaa tacaacctgc tcaaggctgt ggacctggca     530

```

```

<210> 2184
<211> 883
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (610)...(806)
<223> similar to gi53041 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2184
agtgacctgg aaacaagtgc tgatccagaa ggtgaggatt gggatgagga agctgaggat      60
gatggttttg atagtgatag ctcaactgtc gactcagacc ttgaacaaga ccctgaaggg     120
cttcaccttt ggaactcttt ctgcagtgtg gatccttata atccccagaa ctttacagca     180
acaattcaga ctgctgccag aattgttcct gaagagcctt ctgattcaga gaaggatttg     240
tctggcaagt ctgatctaga gaattcctcc cagtctggaa gccttcctga gacctctgag     300
catagtcttg gggaggaaga tgactgggaa tctagtgcag atgaagcaga gagtcttcaa     360
actgtgggaa cttcattctg ttaattctgg atggaccctt acaacccttt aaattttaag     420
gctccttttc aaacatcagg ggaatatgag aaaggctgtc gtgactcaaa gaccccatct     480
gagtcatttg tggccatttc tgagtgtcac accttacttt cttgtaagggt gcagctgttg     540
gggagccaag aaagtgaatg tccagactcg gtacagcgtg acgttctttc tggaggaaga     600
cacacacatg tcaaaagaaa aaaggtaacc ttccttgaag aagttactga gtattatata     660
agtggtgatg aggatcgcaa aggaccatgg gaagaatttg caagggatgg atgcaggttc     720
cagaaaacgaa ttcaagaaac agaagatgct attggatatt gcttgacatt tgaacacaga     780
gaaagaatgt ttaatagact ccagggaaca tgcttcaaag gacttaatgt tctcaagcaa     840
tggtgagttg gcagcctgta gtcctagcta gcatacacta cct                      883

```

```

<210> 2185
<211> 528

```


<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(520)
 <223> similar to gi4063614 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2185
 ctgggaaaca cagttctaca ctactgtagt atgtacagta aacctgagtg tttgaagctt 60
 ttgctcagga gcaagcccac tgtggatata gttaaccagg ctggagaaac tgccctagac 120
 atagcaaaga gactaaaagc taccagtggt gaagatctgc tttcccaggc taaatctgga 180
 aagttcaatc cacacgtcca cgtagaatat gagtgggaatc ttcgacagga ggagatagat 240
 gagagcgatg atgatctgga tgacaaaacca agccctgtca agaaagagcg ctcacccaga 300
 cctcagagct tctgccactc ctccagcatc tccccccagg acaagctggc actgccagga 360
 ttcagcactc caagggacaa acagcggctc tcctatggag ccttcaccaa ccagatcttc 420
 gtttcacaa gcacagactc gccacatca ccaaccacgg aggctcccc tctgcctcct 480
 aggaacgccg ggaaagggtcc aactggcca cctatcactc cccataga 528

<210> 2186
 <211> 389
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (15)...(158)
 <223> similar to gi401774 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2186
 cggccgcgtc tacggcatat tctttttttg gaactgtgga gaatatggct ccaaaagtgg 60
 ttaatcgccc aggtcactact cagagtgcgt actggggggc ttttgggggg ttaatgggaa 120
 ggtttgaatt tgggattttt ttaaagggga aggagattgt taagtgagga tcaacaggga 180
 atggtaaaga aactgggggt tttattttct ttattttatg ccctatgtaa taaataacca 240
 aaaaacatta ttgcgtgcag tataaaagga ctatgaaatc tgtagctgc gtctatctca 300
 tcctaatttg aaagggcaaa aaaaaatatt accatagatt tcctgctaata agtaacaatc 360
 taaagcatta atggtgttgg gtctttttg

<210> 2187
 <211> 568
 <212> DNA

09483725-012100
007270"524840

<213> Homo sapiens

<220>

<221> misc_feature

<222> (41)...(570)

<223> similar to gil755049 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2187

cgccacacc	attgactgcy	ctgcacgaat	tcggcacgag	gttcaacagg	cagtagacag	60
cagggactcc	ctggccatgg	ctctgtatgc	gtgctgcttt	gagtgggtaa	tcaagaagat	120
caacagcagg	atcaaaggca	atgaggactt	caagtctatt	ggcatcctcg	acatctttgg	180
at ttgaaaac	tttgagggtta	atcactttga	acagttcaat	ataaactatg	caaacgagaa	240
acttcaggag	tacttcaaca	agcatat ttt	ttcttttagaa	caactagaat	atagccggga	300
aggattagt	tgggaagata	ttgactggat	agacaatgga	gaatgcctgg	acttgattga	360
gaagaaactt	ggcctcctag	cccttatcaa	tgaagaaagc	cattttcctc	aagccacaga	420
cagcacctta	ttggagaagc	tacacagtca	gcatgcgaat	aaccactttt	atgtgaagcc	480
cagagttgca	gttaacaatt	ttggagtgaa	gcactatgct	ggagaggtgc	aatatgatgt	540
ccgaggtatc	ttggagaaga	acagagat				568

<210> 2188

<211> 541

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(542)

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (7)...(541)

<223> similar to gi298642 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2188

aggaagcctg	gagagcctgg	attcaaagga	gaaaggggag	at tttgttat	caaagggtgac	60
aaaggacctc	ctggtggaaa	aggccagcct	ggggaccctg	gaatcccagg	ccacaaaggc	120
cacacaggcc	tgatgggtcc	ccaaggacta	cctggggaga	atggaccagt	tggaccccca	180
gggcctccag	gccagccggg	atttccagga	ctgagggggg	agtctccatc	catggaaacc	240
ctgcgtcggc	ttattcaaga	agagctgggg	aagcagcttg	aaaccagact	cgcctacctc	300
ctggcccaga	tgcccccggc	gtacatgaag	tcattctcaag	gcagacctgg	gcccccaggg	360
ccccctggaa	aagatgggct	tccaggccgg	gccggcccca	tgggggagcc	aggtegtcct	420
gggcaggggg	gtctggaagg	accctctgga	cccataggtc	ccaaaggatga	gcaaggagcc	480
aaaggtgacc	caggtgcaac	tggagttggc	ctncgaggcg	agatgggacc	cccttggaat	540
t						541

<210> 2189
 <211> 510
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(511)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (510)...(4)
 <223> similar to gil237278 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2189
 ggtcaaaacc catgtttcta ataaatatgg gactgatttc atctgtncctt cattactcac 60
 acaagaacag aaatcatgca ttagggaaaa accttacaga tatattgagt gcgacaaagc 120
 cttgaatcat ggctcacaca tgactgtacg tcaggtaagt cattctggag agaaaggata 180
 taaatgtgat ctgtgtggca aggtctttag tcaaaaatca aaccttgccg gtcattggag 240
 agttcatact ggagagaaac catacaaatg taatgaatgt gacagaagtt tcagtcgcaa 300
 ctcatgcctt gcactacatc ggagagttca cactggagag aaaccttaca aatgttatga 360
 gtgtgacaag gtcttcagtc gaaattcatg ccttgcacta catcagaaaa ctcatattgg 420
 agagaaacct tacacgtgta aagagtgtgg gcaagccttt agtgtgaggt caacacttac 480
 caaccatcag gtaattcata gtgacaagaa 510

<210> 2190
 <211> 412
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (19)...(119)
 <223> similar to gi577295 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2190
 ggggtttgttt ttcttccagg ccccatgtct gtgggttttg acttctctct gccagggcatg 60
 gagcatgtct atgggatccc tgagcatgca gacaacctga ggctgaaggt cactgagtga 120
 gtcctatggt gacatcagga agatggaggt gggcaggaag gagtcaggcc tttagggaga 180

tgggtgtgca	tattggatac	tctaggcaag	catgggtcat	ttcttgtgtc	cagaatcacc	240
tttgggtgata	gaaaattttt	tgagaaagga	caagaggagc	ctttgcttat	ctctcacctg	300
tgtctgtgga	gtggtgttag	catataacgc	agcctggggc	cagttagcag	cccaagtctg	360
tctgtttgcc	tgcaggggtg	gggagccata	tcgcctctac	aatttggatg	tg	412

<210> 2191
 <211> 454
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(456)
 <223> similar to gi2914719 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2191						
ctctgtgaaa	agacaacctg	gctttgggca	gacaactgct	aaaagacacc	ctagccaagg	60
acagcaggct	gtggtcaaag	ctgctctcag	catcttgcta	aataaagctg	tactgcatgg	120
ctgtcccctc	cccagagcag	agctagacca	gcatacagct	gatttcaaag	gaggaagttt	180
ccctttatcc	atagttttcca	gttataacac	ttgtaacaag	aagaaaggag	agagtgggtc	240
ctggagaaaag	gtgaacaaca	gtcctcgcag	gaagtctggc	cgcttctctt	taccacacctg	300
gaataagcca	gacctaaagca	ctgaagggtat	gaaaaataag	actatatcac	agctgaattg	360
taacagggaat	gcttctctgt	caaaacaaaa	gtcttttagag	aatgatctat	cactgacggt	420
gaatttggat	cagagactct	ctctgggttc	agat			454

<210> 2192
 <211> 866
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (196)...(867)
 <223> similar to gi4240205 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2192						
atccggtaga	tgttcagtag	gtgggagctg	tgttttacat	aagttttctc	attccaatgc	60
tgaaaacaga	gaaaagatt	gaatgtcatg	cctgcatcga	cagcacatat	actaaaattg	120
gaatgataca	gagaagatta	gtatggcccc	tgcgcaagga	tgacacgcaa	atttgtgaag	180
cgttccatat	ttttaaaatc	ttcaaatact	tctgtaacaa	ctgattttctc	cgaaagcctt	240
cagagttcta	atattgaatc	caaagaaatc	aatggaattc	atgatgaaag	caatgctttt	300

gaatcaaaaag	catctgaatc	catttctttg	aaaaacttaa	aaaggcgatc	acaatttttt	360
gaacaaggaa	gctctgattc	ggtggttcct	gatcttccag	ttccaacccat	cagtgtcccg	420
agtcgctggg	tgtgggatca	agaggaggag	cggaagcggc	aggagaggtg	gcagaaggag	480
caggaccgcc	tactgcagga	aaaatatcaa	cgtgagcagg	agaaactgag	ggaagagtgg	540
caaagggcca	aacaggaggc	agagagagag	aattccaagt	acttggaatg	ggaactgatg	600
gtcctaagct	caaacagcat	gtctctgacc	acacgggagc	cctctcttgc	cacctgggaa	660
gctacctgga	gtgaagggtc	caagtcttca	gacagagaag	gaacccgagc	aggagaagag	720
gagaggagac	agccacaaga	ggaagttgtt	catgaggacc	aaggaaagaa	gccgcaggat	780
cagcttggtt	ttgagagaga	gaggaaatgg	gagcaacagc	ttcaggaaga	gcaagagcaa	840
aagcggcttc	aggctgaggc	tgaggg				866

<210> 2193

<211> 429

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(133)

<223> similar to gi2978255 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2193

ctcttggtgc	tggagcagtt	attgggcaca	ctgctcccag	agatccaggc	ctacacgcag	60
gagcagtggc	taggcagccc	tgaggaggcc	actgccctgg	cagagcggct	acagcaggag	120
tcagctgggc	caggactcca	gatgagtggg	ggctggtctg	ggggctgggt	gtgcttcccc	180
tgctcacgac	cccagttgag	ccagcactgg	ggccagtcgt	gggttggtgg	ctgagagggc	240
ctgggggctg	tgggaaagtg	atggtgacag	gtgggagttt	ggtggtcttg	gcttggacgg	300
cagagtcaga	gatctccagt	cacacctgtg	tgctccgcag	tgtgtcctga	gaactgaagg	360
tgcagagaag	ggtgggtcat	gccaccgcag	gccccttggt	ttctcctcag	atctgctagg	420
ctgaacacc						429

<210> 2194

<211> 1878

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (127)...(1123)

<223> similar to gi3882301 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

007270"5248469

```

<400> 2194
ctgctgactg ttttcagttg tttctgtaac agcagaaagt gcactcacta ggagtagtca      60
gaattcaaaa tgctgaagag aaagccatcc aatgtttcag agaaggagaa acatcaaaaa      120
ccaaagcgaa gcagcagttt tgggaatttc gatcgttttc ggaataattc tttatcaaaa      180
ccagatgatt caactgaggg acatgaagga gatcccacaa atggaagtgg agaacaaagt      240
aaaacttcaa ataatggagg cggtttgggt aaaaaaatga gagctatttc atggacaatg      300
aagaaaaaag tgggtaaaaa gtacatcaaa gccctttctg agggaaaagga tgaggaagat      360
ggagagaatg cccacccata tagaaacagt gaccctgtga ttgggaccca cacagagaag      420
gtgtccctca aagccagtga ctccatggat agtctctaca gtggacagag ctcatcaagt      480
ggcataacaa gctgttcaga tggtaacaag aaccgggaca gctttcgact ggatgacgat      540
ggccccattt caggaccatt ctgtggccgt gccagagtgc atacggattt cacgccagt      600
ccctatgaca ctgactccct caaaatcaag aaaggagaca tcatagacat tatttgcaaa      660
acaccaatgg ggatgtggac aggaatgttg aacaataaag tgggaaactt caaattcatt      720
tatgtggatg tcatctcaga agaggaagca gcccccaaga aaataaaggc aaaccgaagg      780
agtaacagca aaaaatccaa gactctgcag gaggttcctag agaggattca tctgcaggaa      840
tacacctcaa cacttttgct caatggttat gagactctag aagatttaaa agatataaaa      900
gagagtcacc tcattgaatt aaatattgaa aaccagatg acagaagaag gttactatca      960
gctgctgaaa acttccttga agaagaaatt attcaagagc aagaaaatga acctgagccc     1020
ctatccttga gctcagacat ctcccttaaa aagtcacagt tagatgactg cccaagggac     1080
tctggttgct atatctcatc aggaaattca gataatggca aagaggatct ggagtctgaa     1140
aatctgtctg acatggtaca taagattatt atcacagagc caagtgactg aacacgcatt     1200
cccaactata tatctacaga tgcattccat tttaaactct cttgagctaa aacgtcaaatt     1260
aggagaggaa gataagataa atattttgtaa ataaaacct aagttttaat gttttaatct     1320
gaataattgt acataaaatt ttgtatctct aacattccaa attactgtca ataaaatata     1380
tatttattat tttaaatgct atgtgttaat atttcacttg cttgtattag aaaggcaaaa     1440
tgtaagactt tggatatgtg gacatatgct ttatttggct ttattttaca agtacagtat     1500
ctgcaaaaaa caaagtaacc ttttttcata cctgccagtt ttgaatttat atatgttatt     1560
gaacaaatag taatagagga ttcgctgttg aaacaagttg tccaagcaat gttatattca     1620
tttttatact tattgggaaa gtgtgagtta atattggaca cattttatcc tgatccccag     1680
tggagtttta gtaattatat tttggtgatt tcttctattt gttttctggt ataaaagtag     1740
agataatggg tagtcccttc tgatttagtg aaaccattg taataattgt ggaaatgttt     1800
tgtctttaag tgtaaatatt ttaaaatttg acataaccta atgttaataa taaaagaac     1860
tatttgcaaa aaaaaaaa

```

```

<210> 2195
<211> 856
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (112)...(509)
<223> similar to gi4759365 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2195
gaacttattc ctgcccagag ttcagacaca gccagaaatt accatttcat acttcacaga      60
atggagggtt cagcagccaa agccccaagt gccgcagact tgtctgagat tgaaataaag      120
aaagagatga agaaagaccc tctcaccaac aaagctccag aaaagcccct gcacgaagtg      180
cccagtggaa actctttgct gtcttctgaa acgattttta gaaccaataa gagaggcgag      240

```

00000000000000000000000000000000

$\langle 211 \rangle$ 432

<212> DNA

<213> Hom

<220>

<221> misc feature

$$\langle 222 \rangle \quad (11) \overline{\dots} (434)$$

```
<223> similar to gi537186 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

ttatattaccg	aaagagcata	tgacttttttc	tttaatcacg	gatgcctgga	tttgcccgggt	60
aaccaataaaa	atcctggata	cggcttttta	aggcttaacc	ccttatctgc	ctaccat	120
ttcgttcgag	catcttacc	tggcgcaata	tgacactttt	gtcgcgcaga	aagtcacaat	180
gccggaaaatc	tggaagctgg	atcgttcaca	ggaagactac	gcagaggggtc	tggcaaaagc	240
acgcgactgg	gtcagccatg	atccgctgat	cgcacaattg	cggtcggaaa	acgtctggac	300
agacattaac	gatcggtgcg	tggaaaggcgg	cttctactat	cgtactgccg	agcactctgc	360
ccagcagtcg	tcagaacgtc	tgcaaagcta	tgaaaagatg	ttcaagaatg	ggcaactaaa	420
tgttctcaac	tg					432

<211> 2018

<212> DNA

<213> Home

<220>

<221> misc feature

 $\langle 222 \rangle \quad (4) \dots (1302)$

<223> similar to gil928995 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

<400> 2197
cttgcgccg cggtgtccct ggaagaggcc ctactgcgcc tcgccgagtt cctctccgctc 60
cagctggggg cggaagagag ctgctggggg ccggcgacc tgggccagtc tggcgaggtc 120
ccctcactgt tgacagtgtg cagtcaagctc ttggcccttc tggcatggct tcgaagcccc 180
agggggaggc aggccctgct ccaggggact cagccagccc ctccgggtccg gccccctctc 240
ccagatggat ccacatccca agaagaaaagc ccttcccact tcaccgcagt cccaggcgag 300
ccactggggg atgagaccca gggacagcag cccctccagt tggaggagga tcagagggcg 360
tggcagcggc tggagcagct catcctggga cagctggagg agctgaagca gcagctggaa 420
cagcaggagg aggagtggg tcgactgcgc ctgggcgtgg gggcgacgga ctcagagaaa 480
aggggttcagc atctgactct ggagaacgag gccctgaagc agagcctgag tctcatgcgg 540
gacctcctgc tgcactggg cccggggccc cccatcaggg ctccgcagga ggaggcggag 600
gcattgctag agctccagg ccggcttcag gaggcccaag acaccacaga agccctccga 660
gccagctgg ggggtgcagg ggtgcagctg cagggccttc aaggggccct ccagcagctc 720
cagcaggaga cggagcagaa ctgcaggcgt gaggctacagc agatgcatgg gcagctggca 780
ggacttcggg cacggatggc cagcctgcgt cagggtcgcg gggacctccg aggtttggtc 840
agcaccttta cccagagctg tcagggttcg ctgagtggag cccggggcca ggtgtcctgg 900
gccttggggg cactgtcatc tggagggcct ggcactcagc tccctgaggg gcagcaaggg 960
ccccagccg gatgccagg gcggctgcca gaactcaagg gaaatatccg tgtgtgtgt 1020
cggctgaggc caggacatc ttctagcctt gtgagtgtgg agcctggccc agggggcacc 1080
gtcaccacct gctaccggg gcgccatcgt cgattccgcc tagactgggt cttccctcca 1140
gacgccagcc agggaggagt cttcagagag ctggaacctg cgggtgctgtc ctgcctccga 1200
ggctacacgc tctgcatctt cacctatggc cagacaggca ccgggaagac ctacagcatg 1260
gagggccctc ctgaggaccc cggcatagtt cccagggcac aagctcccta gcctctttgg 1320
atccattgcc cctgagctcc cagagtcacc cctccacctc cgcagccagt gaagtgtgtt 1380
gtgcctgctg aagtgatcac cccccgccc cagccctgca tcaggccaca ggtcttggct 1440
ttctccttat caccatttgc tgttatcacg gcacacagca gggaatccca ggcccccccg 1500
ccaagtgggt acccaagtca ccaactcctga cccaaaaatc aggcattggca ttaaaacggt 1560
gcaaattcct ttactgttat cccccccacc accaggacca tgtaggggtgc agtctttact 1620
ccctaaccgc ttcccgaaa aagggtgctac ctcctttcca gacagatgag agagggcagg 1680
acttcaggct ggatccacca ctgggctctc cctccccag cctggagcac gggaggggag 1740
gtgacggctg gtgactgatg gatgggtagt gggctgagaa gaggggacta ggaagggcta 1800
ttccaggctc agccctgctc ctgcagcttt gccgctgagt gtaggaaaaa caggcatgac 1860
agaccagggt gagggttgtg cccagctggg ccacggccat gcgtgggggtg gcccataaaa 1920
caccgtggac tcccagcaag gctgctgcct ggtgtttcga ggctgctgtg gtcgcagaca 1980
gccgcctcgc cttggctccc tgtcaacaag gtgggggt 2018

```

```

<210> 2198
<211> 695
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (8)...(136)
<223> similar to gill136424 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2198
ggggaggcag gaggcgttgg ccgccaaggc cctggagccc atcttctcgc ccgtggccga 60

```


gctgcatggg	ctgcggggcc	atgcgactga	tgagcggggc	aagccgtctg	agcaactgac	120
cccaacccga	gcaggtaacct	gggcgtgggt	gggctgtgct	gggcaaggtc	tcaaccaccc	180
gcggggagga	gccctgaatc	gcagcacctg	ccggttgccg	tgggtgaaat	gttccccagc	240
tgagttcgcc	ctaaaagcgt	ggtgtggctg	aacatggagt	agggagcaga	ggcatgttgg	300
cacacgatgt	agacacagtg	gatatagctg	accccaggag	gacagttgtg	aaatgtagcc	360
ggggcattag	gaagggatgt	tttgagtgtc	tcgttgatth	tatttctctg	taagtttacg	420
aaacaattgt	ccagtaataa	caaccagctt	ttgcatgtth	cccggaaaatt	taatagtctg	480
ctctttgagc	cagcatgagc	tggtctctgg	accgcactgg	ctgggcaaga	gttttgccag	540
ccagccacgg	agcgtttcct	tccagggaca	agacatgctt	cttgaaaagct	cccgtagggc	600
cccttctgaa	tatcttggtt	ctggctgcgg	gaagaaccct	ttggaagggc	tctggtttct	660
ctgtgcagtt	gggtgagaga	ggacggggag	ggagc			695

<210> 2199
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(130)
 <223> similar to gi5771350 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2199						
gagctccaat	gacctcatgg	acaagatcga	gagcccagag	ccggaagaca	cacaagatgg	60
tctgtaccgc	caggggtgccc	ctgagttcag	ggtggcctcc	agtgtggagc	agctgaacat	120
catagagatc	aaaaataaga	tcttcacctt	gtgcccagcc	tgtctgctgt	ccctgaagat	180
aaaaagacga	aaagggagga	agcgacagtc	gtctaggcag	aagtgatgtg	gccgtggccg	240
acaagatggc	cccgcgggag	gcaggcggag	ctcagtgtgt	ccaataaaac	tgtcttggtg	300
gagcgccaaa	aaaaaaa					317

<210> 2200
 <211> 443
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (12)...(434)
 <223> similar to gi5106572 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2200

aattccccggg	tcgacgattt	cgtaagggtt	tgaggccttt	tttactgcgc	cgagttaagg	60
tggatgttga	gaagcagatg	cccaaaaagt	acgagcatgt	tatccgctgc	aggctctcca	120
agcgtcaacg	ctgtctctat	gatgacttca	tggcacagac	cacaactaag	gagacactag	180
ccacaggcca	tttcatgagc	gtcatcaaca	ttttgatgca	gctgagaaaa	gtttgcaatc	240
atccaaatct	gttcgaccct	cgaccggtta	cctccccttt	catcacccca	ggcatctgct	300
tcagcaccgc	ctctctggtg	ctaaggggcca	cggatgtcca	tcccctccag	cggatagaca	360
tgggtcgatt	tgaccttatt	ggcctggaag	gtcgtgtctc	tcgatatgag	gcagacacat	420
ttctgccccg	gcgcgcggcc	gct				443

<210> 2201

<211> 1126

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (29)...(1119)

<223> similar to gi3327128 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2201

cggacgcgtg	ggtgccaaag	agcaggtggt	gtttgccaaag	gatcagccgg	tgcacaggga	60
ggtgcaggct	gaggcaagga	ccaacaccat	gctgagctgg	gagggggccc	aagcccagac	120
ggaggttatg	tggtacaagg	acgggaagaa	actgagctcc	agctcgaaaa	tgcgtgtgga	180
ggccgtgggc	tgcacacgga	ggctggtggt	gcaagaagca	agccaagcgg	acgccgggga	240
gtacagctgc	gaggctgggg	gccagcggct	ctccttccat	ctgcatgtgg	ctgagcccaa	300
ggtggtgttt	gccaaggagc	agccggcatg	cagggaggtg	caggcggagg	cggggggccag	360
tgccacgctg	agctgtgagg	tggcccaggg	ccagatggag	gtgacatggt	acaaggacgg	420
gaagaagctg	agctccagct	caaaaagtgcg	catggaggcc	agcggctaca	cacggaggct	480
ggtagtgcag	caggcggggc	aggcggatgc	tggggagtag	agctgtgagg	cggggggcca	540
acggctgtcc	ttccgcctgc	acgtggcaga	gctggagccc	caaatttcag	agagaccctg	600
ccgcagggag	cctctggtgg	tcaaggagca	tgaagacatc	atcctgaccg	ccacactggc	660
cacaccctct	gcggccacgg	tgacctggct	caaggatggt	gtggagattc	gccgcagcaa	720
gcggcatgag	acagccagcc	agggggacac	ccacaccctg	accgtgcatg	gcgcccaggt	780
tctggacagc	gccatctaca	gctgccgtgt	gggcgcagag	gggcaggact	tcccagtgca	840
ggtggaagag	gtggccgcca	agttctgccg	gctgctggag	cctgtgtgcg	gcgagctggg	900
tggcacggtg	acactggcct	gcgagctaag	cccagcgtgt	gcagagggtg	tgtggcgctg	960
cggcaacacg	cagcttcggg	tgggcaagcg	cttccagatg	gtggccgagg	ggcccgtgcg	1020
ctcactcact	gtgttggggc	tgcgcgcaga	ggacgcaggg	gagtacgtgt	gtgagagccg	1080
tgatgaccac	accagtgcgc	agctcaccgt	cagtgtgccc	cggcgc		1126

<210> 2202

<211> 681

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(683)
 <223> similar to gi5771350 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2202
 taagacagaa gaggacccca agctgttcca gtcaaccaag acccagcggg ggcccctgtc 60
 cgagaactgg atcgaggagt acaagaagca ggtcttcccc atcatgtgcg catacaagct 120
 ctgcaagggtg gagttccgct actggggcat gcagtccaag atcgagaggt tcatccacga 180
 caccggacta cggagggtga tgggtgcgggc tcaccggcag gcctgggtgct ggcaggacga 240
 gtggtatggg ctgagcatgg agaacatccg ggagctggag aaggaggcac agctcatgct 300
 ttcccgtaa atggcccagt tcaatgagga tggtagaggag gccactgagc tcgtcaagca 360
 cgaagccgtc tcggaccaga cctctgggga gcccccgag cccagcagca gcaatgggga 420
 gcccctagtg gggcgcggcc tcaagaaaca gtggtccaca tcctccaagt cgtctcggtc 480
 gtccaagcgg ggagcgagtc cttcccgcca cagcatctca gaggtagga tgcagagtat 540
 tgccaggac tcggatgaga gctcagatga tgagttcttc gatgcgcacg aggacctgtc 600
 cgacacagag gaaatgttcc ccaaggacat caccaagtgg agctccaatg acctcatgga 660
 caagatcgag agcccagagc g 681

<210> 2203
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (97)...(576)
 <223> similar to gi3044055 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2203
 tttcgtgttc cctggaagct gaggtgtctt ggggctcagt cccggcnnnn nnnnnnnnnn 60
 nnnnnnnnnn nnnnnnnccc gacccttccc cccagcgtgt tcccagaggga gctgaaggag 120
 gtgtttgctt catggcggct gcgctgcgca gagcgaggcc gggaggacat cgacagacag 180
 cttatcagcg cctcactctt cctgcgcttc ctctgccag cgattatgtc gccagctctc 240
 tttgggctta tgcaggagta cccagatgag cagacctcac gaaccctcac cctcattgcc 300
 aaggtcatcc agaacctggc caacttttcc aagtttacct caaaggagga ctttctgggc 360
 ttcatgaatg agtttctgga gctggaatgg ggttccatgc agcagttttt gtatgagatc 420
 tccaatctgg acacgctaac caacagcagt agcttcgagg gttacatcga cttgggccga 480
 gagctctcca cactgcatgc cctactctgg gaggtgctgc cccagctcag caaggtcagc 540
 agatcccctc tttgccctat ccccagatgg ctccagaggt tcctggagcc tgagaaacta 600

```

ccctttgaag attttttttc tccccttggt tctcgagggtg tcaccactac tatcccaact 660
cagggcccct ccacttgac cctcagaggc cctcttagag ctgggactg agccccagg 720
taacagcctc accataccag gaagacatcc tgaagctggg tccactgcc cggcgc 776

```

```

<210> 2204
<211> 551
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (124)...(213)
<223> similar to gi474982 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2204
ggaggcagga gattggactt ggggttgag ggcattttgt catctcattc ctgcctgttt 60
cttcctaaac tgattctctg aagggcatac tctgcctcat accttccttg gctgtgttca 120
ttacagggtg atgacggggc ggacgtccgc ggaggatctg gggacatctt actggtccat 180
gctactgaga ctgacaggaa aggtagggtg tcagtgaagt cactagattg gggctggtcc 240
tgccccgggt gccactcggc ctcccaccgc tatcctgtcc cctcctggca gccacagccc 300
tgagcaggtc tgatcagcag tcctggtgag cctgagtcag agcagggaga gccacacctg 360
gaagacaagt agatcatgtt caactccagg cgtgcgtggc atctgtcctc cgctgtgtaca 420
aggtagtgac cccagggcct ccagggtcct tgaggggctc agcgcatact aagcgcacca 480
cagacagcgc cttgagtgat ggcattgtac ccagtagtac taaacttaag ataacatgca 540
ggtacctttt g 551

```

```

<210> 2205
<211> 640
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (77)...(642)
<223> similar to gi4262637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2205
ggaggcaaga gaatgccgtg gatattcatg aaatgacact gacagggaga gcttacaacg 60
ccgtgcatat catggaaatg gcaccgatgg ggagagttaa gaacaccatg gatattcatg 120
aaatgggtacc gacggggaga gtttagaacg ccatggatat catggaaatg gcaccgacgg 180
ggagagctta ggacactgtg gatattcatg aaatggcacc gacagcgaga gtttacaacg 240

```

ctgtggatat	catggaaatg	gcaccgacgg	ggagagctta	ggacgccgtg	gatatcatgg	300
aaatggcacc	cacagcgaga	gtttagaaca	ccgtggatat	catggaaatg	gcacccacag	360
cgagagttta	gaacaccatg	gatatcatgg	aaatggcacc	gacagggaga	gcttagaacg	420
tcgtggatat	catggaaatg	gcaccgacag	ggagagttta	gaacgccgtg	gatatcatgg	480
aaatggcacc	cacagcgaga	gtttagaaca	ccgtggatat	tatggaaatg	gcaccgatgg	540
ggagagttta	gaacgccgtg	gatatcatgg	aaatgtcacc	gacggggaga	gcttagaacg	600
ccatggatat	catggaaatg	gaaccgatgg	ggagagcccg			640

<210> 2206
 <211> 431
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(331)
 <223> similar to gi755484 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2206	
taaatatctt	attttatggt gttttcacct ggaagctgag aagaaagggg ctttaaatgga 60
acaaatagca	catcaagctg ttgtaatgca gtttattatg gaaatggcca aaaactgtaa 120
tgtggatcca	agaggggtgtt ttcgtttatt tttccagaaa gccaaagcag aggaagaagg 180
ttattttgaa	gcattcaaaa atgaacttga agctttcaag tcaagagtaa gactttattc 240
tcaatcacaa	agttttcaac ctatgacagt tcagaatcat gttccccatt ctggtgttgg 300
atctataggt	ttattagaat ccttaccaca ggtaagttgg aaaagtaaat atttgtttta 360
taagcctatt	aattcacata atttttgtta ttttgcccca ctcttttttt tttttaatag 420
gggctactat	t 431

<210> 2207
 <211> 362
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(365)
 <223> similar to gi41564 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2207	
gtctgttggg	gccgcagctg cccggtacgc gcgttaccga aagtattcac aaagtggctg 60
aacgcgtggt	aacgctggtg tcgatggaac tgccggacaa cgtgcggttg attcgtgatt 120

```

acgatcccag cctaccggaa ctggcgcacg acccggatca aattgaacag gtcttgctga 180
atattgtgcg caatgcgcta caggcgctgg ggccggaagg cggtgaaatc attctgcgta 240
cccgaccgcg gtttcaactg accttacacg gcgagcgcta ccggctggcg gcgcggattg 300
atgtggaaga taacgggccg ggcattccgc ctcatcttga ggatacgctg ttttaccga 360
tg 362

```

```

<210> 2208
<211> 466
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (10)...(464)
<223> similar to gi2723316 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2208
cgactcgaga aagtgcatac tggagagagt ccttacaaat gtaatgagtg tggcaaggtc 60
ttcagtcgaa ttacatacct tgtacgacat cagaaaattc atactagaga gaaacctcat 120
aaatgtaaca aatgtggcaa ggtttatagt agcagttcat acctagcaca acattggaga 180
attcatacag gagagaaact ttacaaatgt aataaatgtg gcaaagaatt tagtgggcat 240
tcaagcctca ccacccatct gttaatccac actggagaga aaccttaca atgtaaagaa 300
tgtgacaaag cttttaggca caagtctctc ctgacagttc atcagagaaa tcataatgga 360
gagaaacctt ataaatgtca tgaatgtggc aaagtcttca ctcaagtttc acatcttgca 420
cgacatcaga aaattcacac tggagagaaa ccttacaaat gtaatg 466

```

```

<210> 2209
<211> 425
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(426)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(425)
<223> similar to gi498736 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2209
agaaacccta caaatgtaaa gaatgtggct tagccttttag cagggtactca acccttacta    60
cccataagag aattcattct ggagagaagc cctacaaatg tgatgaatgt ggcaaaacct    120
ttagcatatc ctcaaccttt actaaacata agataattca tactgaagag aaaccctaca    180
aatgtaaaaga atgtggcaaaa gcctttaacc ggtcctcaac ccttactagc cataagagaa    240
tacatactgg tgagaaaacc tacaaatgtg aagaatgtgg caaagccttt aactggtctt    300
caactcttac taaacataag gtaattcata ctggagagaa gccctacaaa tgtgaagaat    360
gtggcaaaagc ttttaaccag tcttcaagac ttactcgaca taaaaaaatt catactggag    420
aggan                                           425

```

```

<210> 2210
<211> 390
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(391)
<223> similar to gi2055392 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2210
gggagtgagt gccagggcac tgacctggac acccgcaact gtaccagtga cctctgtgta    60
cacactgctt ctggccctga ggacgtggcc ctctatgtgg gcctcatcgc cgtggccgctc    120
tgctgtgtcc tgctgtgtct tgctctcatc ctcgtttatt gccggaagaa ggaggggctg    180
gactcagatg tggttgactc gtccattctc acctcaggct tccagcccgt cagcatcaag    240
cccagcaaaag cagacaaccc ccatctgctc accatccagc cggacctcag caccaccacc    300
accacctacc agggcagctc ctgtccccgg caggatgggc ccagcccca gttccagctc    360
accaatgggc acctgctcag cccctgggt
                                           390

```

```

<210> 2211
<211> 682
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (12)...(532)
<223> similar to gil73381 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2211
tttcgtcctt ccagggccgc acgctgcgga tcgggcgcga gcactacctg cggccctgcg    60

```

```

tgccctgccca cagcccgcctc tgcccggagc ccgcccgcctg cagccacgat gggaaaactct 120
tgtctagtga tgtgactcat tacgtgatcc cagactggaa agttgttcaa gattatcttg 180
agatccttga gtttcctgag ttgaaggga ttattttcat gcagacagct tgtcaagctg 240
tgcagcatca aagaggcagg agacagtata acaaactgcg aaacctgctg aaggatgcgc 300
gtcatgattg cattctcttt gctaataaat tccagcaatg ctgctatctg ccacgggaaa 360
gaggagagtc catggagaag tggcagacca ggagcatata caacgcagct gtttggtact 420
atcatcactg ccaggacagg atgccaattg ttatggtgac agaagatgaa gaggcaattc 480
agcagtatgg aagtgaacaa gaaggagtat tcgtgattac tttcaaggga attctgaatg 540
tcaacaaaca cagagcccaa atagaagctt ttgttcgact tcaaggagcc agcagtaaag 600
attcagattt agtcagtgc atcctaatac acgggatgaa ggctcgaaac cgctcaattc 660
atggagatgt ggtagttgtg ga 682

```

```

<210> 2212
<211> 729
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(730)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (84)...(408)
<223> similar to gi2950398 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2212
tttcgtgccca tgcaagacgt gactttgctt ctccctcccc ttctgccatg atttgtgatg 60
cctcctcagc catgtggaac tgagtcattg ccggcttcaa catggggggc gacctcaggg 120
agcctgccgc cagcattccc ctgggctccc tggcagctgt tggcatctcg tggtttctgt 180
acatcgtctt cgtcttccct ctgggcgcca tctgcactcg agaggccctt cgctatgact 240
tctgatagc ggaagaggta tccctcatgg gcttccctgt ctttttgggc ttatacatct 300
cgtccctggc ttcctgcatt ggaggacttt atggagctcc ccgcatcctg cagtgcattg 360
cccaggagaa agtgatccct gcaattgcct gtctgggaca aggggtgagt aatcctcttt 420
ttttggtttg ttttttgaaa catgttttgc tgctaacctc actggttgcc catcaattgg 480
ttaagctttt ctgatcagag cctctggtca atttctttgg ggtgacacag aaaataatgc 540
agaggtcatt tctttcagcc ctgtcctctg gctggcttag gntagggcta agtagatgaa 600
gcattctata tgtcccagcc acccagcccc ttagcacttt taggactgng ttagctaacc 660
agtcctagta ccattctgga ccctgagcag catgaaaatg cagtgcacca tcttttaattg 720
aaaatgaat 729

```

```

<210> 2213
<211> 746
<212> DNA

```


<213> Homo sapiens

<220>

<221> misc_feature

<222> (256)...(744)

<223> similar to gi4322346 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2213

tttcgtctgc	atgtggagtt	tccaaaaact	cccaagctgt	gggaaccatg	acaattat	60
tcaactgggaa	tagagcagct	ccacctatca	tgatgcctat	gcactctctc	cctaaagctc	120
caagtcaaat	gctggatcca	cactttggct	tcctggggac	ccctgagtg	ccccggtaag	180
atggggctca	gggctgggtg	cctctgcctc	aggctgagcg	gccctgagtg	tgtgctgaat	240
ccctctctct	gccagctcc	caacacagag	acagagccct	tgctgacctg	gaagaaggcc	300
caggagacag	tgccctggaa	catcatcctt	ctcctgggag	ggggcttcgc	catggccaaa	360
ggctgtgagg	aatcggggct	gtctgtatgg	attggtgggc	agctgcaccc	cctggagaat	420
gtgccccccg	ccctggctgt	gctgctcatc	actgtggtca	tcgccttctt	cactgagttt	480
gccagcaaca	cggcgaccat	catcatcttc	ctgcccgtcc	tggcagagct	ggccatccgc	540
ctgagagtgc	acccccctgta	tctgatgatt	cggggcacag	tcggctgctc	ctttgccttc	600
atgctcccgg	tctcaacgcc	ccccaaactcc	atgcgccttcg	cctctggaca	cttgctggtc	660
aaagacatgg	tgcggacagg	cctcctgatg	aacctgatgg	gtgggtctgtc	tgctagtttg	720
ggcatgaata	cttgggcaca	gaccat				746

<210> 2214

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (7)...(772)

<223> similar to gi438007 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2214

cttatttata	atgaagatat	gatttggttg	attgaatcaa	gagaatcttc	aatcaactc	60
aaatgtatcc	agataacaaa	agcaggagga	ttaacagatg	aatggacaat	caatattctt	120
caatccttcc	acaatgtgca	acaaatggcg	attgactggc	tcactcgaaa	tctctatttt	180
gtggaccatg	tcggtgaccg	gatctttggt	tgtaattcca	acggttctgt	atgtgtcacc	240
ctgattgate	tgagacttca	caatcctaaa	gcaatagcag	tagatccaat	agcaggaaaa	300
cttttcttta	ctgactacgg	gaatgtcgcc	aaagtggaga	gatgtgacat	ggatgggatg	360
aaccgaacaa	ggataattga	ttcaaagaca	gagcagccag	ctgcactggc	actagacctc	420
gtcaacaaat	tggtttactg	ggtagatctt	tacttggact	atgtgggagt	agtggactat	480
caaggaaaaa	atagacacgc	tgctattcaa	ggcagacaag	tcagacatct	ttatggtata	540
actgtgtttg	aagattat	gtatgcaacc	aattctgata	gctacaatat	cgtaaggata	600
agccgattta	atgggactga	tattcactca	ttaattaaaa	ttgagaatgc	ttggggaatc	660
cgaatttatc	aaaaaagaac	tcaaccaaca	gtcagaagcc	atgcatgtga	agtcgatcca	720

tatggaatgc cagggggctg ttcacacatc tgtctactca gcagcagtta cacgaaa 777

<210> 2215
<211> 738
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(740)
<223> similar to gi2988422 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2215
tttcgtgttc ctggcacgag gccccagcgg cctcctgctc tacaacgggc agaagacgga 60
cggcaagggg gacttcgtgt cgctggcact gcgggaccgc cgcctggagt tccgctacga 120
cctgggcaag ggggcagcgg tcatcaggag caggagacca gtcaccctgg gagcctggac 180
cagggctctca ctggagcgaa acggccgcaa ggggtgccctg cgtgtgggcg acggcccccg 240
tgtgttgggg gagtccccga aatcccgcaa gggtccgcac accgtcctca acctgaagga 300
gccgctctac gtagggggcg ctcccgactt cagcaagctg gcccggtgctg ctgccgtgtc 360
ctctggcttc gacggtgcca tccagctggt ctccctcgga ggccgccagc tgetgacccc 420
ggagcacgtg ctgcggcagg tggacgtcac gtcccttgca ggtcacccct gcacccgggc 480
ctcaggccac ccctgcctca atggggcctc ctgcgtcccg agggaggctg cctatgtgtg 540
cctgtgtccc gggggattct caggaccgct ctgcgagaag gggctggtgg agaagtcagc 600
gggggacgtg gataccttgg cctttgacgg gcggaccttt gtcgagtacc tcaacgctgt 660
gaccgagagc gaaaaggcac tgcagagcaa ccactttgaa ctgagcctgc gccctcgtgc 720
caagcttggc gtagtcat 738

<210> 2216
<211> 390
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (34)...(286)
<223> similar to gi2708329 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2216
tttcgtgcgg cggcgacggt cgggcggcac actttacctg agcattgggtc ctacgggggtg 60
tgccgggatg gccgcgtctt cttcatcaat gaccagctcc gctgcacgac ctggctgcac 120
ccgcgcaccg gggagcccgt caactcgggc cacatgatcc gtcataacct gccccgggc 180

tgggaggagg	gcttcacgga	ggagggcgcc	agctacttca	tcgaccataa	ccagcagacc	240
acagcattca	ggcatcctgt	gacgggacag	ttttctccag	aaaatagtga	attcattctt	300
caagaagagc	cgaatccaca	tatgtcgaag	caagacagaa	accaaagacc	gtccagcatg	360
gtcagtga	catccacggc	tgggaccgcc				390

<210> 2217
 <211> 601
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (108)...(160)
 <223> similar to gi3878265 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2217	
tttttttttt	ttgaggggttt tctgttattt ctttattggg gtgggggtgg ggtgcatcat 60
tcagatcttt	gtgctgggtgc ctacgtgcat acaagtacac acacacacac acacacacag 120
gcatgtgttc	acgtatgtat acatatacac acaaggccag agctctagtg tgctggagga 180
ggggcaagct	ctttttccaa gaggtatta gaaagagggt gattccagag gatgagtgg 240
ctctgaggct	atagccccc actgggtggg cagccagctc tgtgagaatg ccagggtgca 300
gctgacagcg	ctggaggcct ggggactgga ctctgagagg agcttgggca gacacagcag 360
cctccggccc	caacactgcc ctgggttggc aggccagcc ctggtcctga caggcaggtc 420
cttgagctcc	tcgggagggc gtgacgaccc ttagtgtttc atgggaccac tcggtgggccc 480
ctcctccgtg	ccaggcctgt cagaggacaa ccctccggtc cagggtgggtcc ccacgcccgc 540
tccgtgggtg	ccgcctcgtg ccgaattcct gcagcgcggg tcaatgcaaa ggggtggcccc 600
g	601

<210> 2218
 <211> 361
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(358)
 <223> similar to gi3876094 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2218	
acaacctgga	tcaggacaac gcccggtgtt gggatagggt catgcggtc attgaacccg 60
tggctgccag	cctgccgtac atgacatgcc ctgggaatca tgaagaacgc tacaacttct 120

```
ctaactacaa ggctcgcttc agcatgccgg gggataatga gggcctgtgg tacagctggg 180
atctgggtcc cgcccacatc atctccttct ccaccgaggt ctatttcttt ctccattatg 240
gccgccactt ggtgcagagg cagtttcgct ggctggagag cgacctccag aaagccaata 300
agaaccgggc agcccggccg tggatcatca ctatggggca ccggcccatg tactgacgaa 360
a 361
```

```
<210> 2219
<211> 510
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (174)...(513)
<223> similar to gil814270 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2219
tttcgtggtg gctgtgggca gagtgcaggc acagaggcag gattactgct ggatgccgca 60
aggacttcct gtggagaaaa tgtctgttct gttgcctgtg tgatctcagg gcccacaga 120
acacaatcca tcacccatgg ggcagaacgt gtgaaaacag caagaccggc agaagcaagc 180
ggcgcgagga ctcagagcga tcgatattcg tgcgggttaa agaaggtggc taccggctgc 240
gagagaacat cctcttccat ctctacgtga gcacctcccc ctgtggagac gcaagactcc 300
actctcccta cgagatcacc acagacctgc acagcagcaa acacctcgtc aggaagttcc 360
gcgggcacct gcgcaccaag atcgagtccg gggaagggac ggtccccgtg cgtggcccca 420
gcgcagtgca gacctgggac ggcgtcctgc tgggggagca gctgatcacc atgtcctgca 480
cggacaagat cgccaggtgg aacgtcctgg 510
```

```
<210> 2220
<211> 385
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(388)
<223> similar to gil47423 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2220
tttcgtcggg cgggatcggt tacattcgcg cctatctttt aaaaaaggc gagatcaacg 60
tcgggtgcgaa gctggtcggt ctcggcggcc cggcaatgaa catcggtctt ggcgggtggtg 120
cagcgtcttc tatggcgtct ggtcagtcgt atgccgacct cgactttgct tccgtacagc 180
```


<221> misc_feature
 <222> (101)...(534)
 <223> similar to gi517115 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2222
 caattcccgg gtcgacgatt tcgtgtactt ctgttggggc gccgactcca gggagctgca 60
 gcgccggagg acggcgggca gccccggggc tgagctactg caggcgggcca gcgggggagcg 120
 ccactctctg ctgctgctga ccaaccacag ggtcctctcg tgcggagaca acagcagggg 180
 tcagctgggc cgcagggggc cgcagcgcg ggagctgcca caaccaattc aggcattgga 240
 aaccctaatt gttgatctcg tgagctgcgg gaaggagcac tccctggctg tgtgccacaa 300
 aggaagggtc ttcgcatggg gagctggttc tgaaggggcag ctggggattg gagaattcaa 360
 ggaaataagt ttcacaccta agaaaataac gactctgaat gatataaaaa taatacaagt 420
 ttcctgtgga cactaccact ccctggcatt atcaaaagat agccaagtgt tttcgtgggg 480
 aaagaacagc catgggcagc tgggcttggg gaaggagttc ccctcccaag ccagg 535

<210> 2223
 <211> 486
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (3)...(489)
 <223> similar to gi4101718 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2223
 tttcgtctgg gaacccgcag cctgggggact cctccggcgg gggcgctggg ggcgggctgc 60
 cgtcccctgg ggagcaggag ctgagccggc gcttgcagcg cctgtatccc gcggtcaacc 120
 agcaagagac tccgctgccg cgctcctgga gcccgaagga caaatacaac tacattgggtc 180
 tctcccaggg caacctccgc gtccactaca aaggatcatg caaaaatcac aaagatgcgg 240
 cctcagtgcg tgccacccac cccatacctg ctgcctgtgg catttattac tttgaagtga 300
 agattgtcag caaaggaaga gatggttaca tgggaatagg actctcggct caaggcgtca 360
 acatgaacag acttcctggt tgggacaaac attcctatgg ttaccatggt gatgatgggc 420
 attcgttctg ctcctcgggg actggccagc cctatggtcc cacattcacc acaggagacg 480
 tgatcg 486

<210> 2224
 <211> 671
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (91)...(639)
 <223> similar to gi4226115 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2224
 cccgggcgac aatttcgttg gagagtttgc gtggcgggaa cgcggcggca gtgagagcga 60
 gcggcgccgg cccttgcgtc cgggtgcggcg atgctgaccc cggcgttcga cctcagccag 120
 gatccggact tcctgactat cgccatccgc gtgccctacg cccgggtctc cgagttcgac 180
 gtctacttcg aggggtctga cttcaagttc tacgccaagc catactttct cagattaacc 240
 cttcctggaa gaattgtaga aaatggaagt gagcaagggt cctatgatgc agataaagga 300
 atttttacca ttgcctgcc caaagaaacc cctggccagc attttgaggg gctgaacatg 360
 ttaactgctc ttctggcacc aagaaaatcc aggacagcaa aaccacttgt ggaagaaata 420
 ggtgcttctg agattcctga ggaagtagtt gacgatgaag agtttgattg ggaaattgag 480
 cagacaccct gtgaagaggt atcagaaagt gctttgaatc cgcagtgcc ctatggattt 540
 ggaaacttac gatcaggagt gttgcaacgg ttacaggatg aactgagtga tgttattgat 600
 attaaggatc cagatttcac ccctgcagct cagcggccag gcgcttctgt cttcgttcag 660
 ctgcagtcga c 671

<210> 2225
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(554)
 <223> similar to gi5327052 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2225
 tttcgtggag aaccctacc cgttccagtg caccatcgat taccocacta agcagaccaa 60
 gttcaagggc atgaagagct acatctccta caagctggtg cccacgcaca cgcaggtgcc 120
 ggtgcatcgg cgctacaagc acttcgactg gctgtacgcg cgccctggcg agaagttccc 180
 ggtcatctcc gtgccccacc tgcccagaaa gcaggccacc ggccgcttcg aggaggactt 240
 catctctaag cgcaggaagg gctgatctg gtggatgaac cacatggcca gccaccaggt 300
 gctggcgag tgcgacgtct tccagcactt cctgacgtgc cccagcagca ccgacgagaa 360
 agcctggaag cagggcaaga ggaaggccga gaaggacgag atggtgggcg ccaacttctt 420
 cctgaccctt agcagccccc ccgccgctgc ccttgacctg caggaggtgg agagcaagat 480
 cgacggcttc aagtgttca ccaagaagat ggacgacagc gcgctgcagc tcatccacac 540
 ggccaacgag ttgcgcgcga tgcaggtgac cggcttcaaa aaggattt 588

<210> 2226
 <211> 1328
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (290)...(1150)
 <223> similar to gi3924880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2226
 cgagttcggc tccttggcag tgtgtgcccc tgacccaggt gtgttggtgt cagctggtag 60
 cttcatcctg tttgtttttc agatgatcat gcaccctaag ggctcatcta ggctccctga 120
 gagcacctcc tttctgtgtc tgttctcagg aatgctgttg agctctcctg ttgcaggagc 180
 atgagcgcca ggggctctgg tgtctgaaca gcgtgttttg caggatgact ttgccaacga 240
 tgtggatgct ctgctggaag aaggcctttg tgcccccaaa aagaggcgaa cagaggaaaa 300
 atatggcgga gacagcgacc atccgtccga tggagagaca agtgtgcagc cgatgatgac 360
 caagattaaa acagtgtctc aaagtcgtgg ccgcccacct acagagccgc tgcccgcagg 420
 gtggatcatg acattccata actctggagt cccggtgtac ctacacagag agtctcgggt 480
 ggtcacctgg tccaggccat acttcttggg aacgggaagc atacggaaac acgaccctcc 540
 tctgagtagc atcccttgtc tgcattataa gaaaatgaag gacaacgagg aacggggagca 600
 aagcagtgac ctcaccccta gtggggatgt gtcccccgtc aagcccctga gccgatctgc 660
 agagctggag tttcccctgg atgagcctga ctctatgggt gctgacccgg ggcccccgga 720
 cgagaaagac ccactagggg ctgaggcagc ccctggggcc ctggggcagg tgaaggccaa 780
 agtcgagggt tgcaaagatg aatccgttga tctcgaggaa tttcgaagct acctggagaa 840
 gcgttttgac tttgagcaag ttactgtgaa aaaattcagg acttgggctg agcggcggca 900
 attcaatcgg gaaatgaagc ggaagcaggc ggagtcagag aggccatct tgccagccaa 960
 tcagaagctc attactttat cagtgcaga tgcaccaca aagaaagagt ttgttattaa 1020
 cccaacggg aaatccgagg tctgcatcct gcacgagtac atgcagcgtg tcctcaaggt 1080
 ccgccctgtc tataatttct ttgaatgtga gaacccaagt gagccttttg gtgcctcggg 1140
 gaccattgat ggtgtgactt acggatctgg aactgcaagc agcaaaaaac ttgcgaagaa 1200
 taaagctgcc cgagctacac tggaaatcct catccctgac tttgttaaac agacctctga 1260
 agagaagccc aaagacagtg aagaactcga gtattttaac cacatcagca tcgaggactc 1320
 gcgggtct 1328

<210> 2227
 <211> 1309
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (193)...(743)
 <223> similar to gi5823366 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 2227
agtacataacc gaattccctg gtcgactcca cgcgtccgga tctaggcacc ggtccgagtg      60
cctgccctct gtcccccgcg ctgggtctcg tctgctccgg ttcttgggct cctaattctt      120
ggtccagctt ctccaggtc tgcgctctg ttgttcccag cgctctgcga agcctgaaaa      180
ggaggagcaa cctgtccaga atccccgcag gacaggaaaa ggaggggaaa tctcgacatg      240
gaaaaactct acagtgaaaa tgaaggaatg gcttcaaacc aaggaaagat ggaaaatgaa      300
gaacagccac aagacgagag aaagccagaa gtaacttgta ctctggaaga caagaagtta      360
gaaaacgagg gaaagacaga aaacaagggc aaaacaggag atgaggaaat gttaaaggat      420
aaaggaaagc cagagagtga gggagaggca aaagaaggaa agtcagagag ggagggagag      480
tcagagatgg agggaggatc agagagagag ggaaaaccag agatagaggg aaagccagag      540
agtgaaggag agccaggagg tgaacaagg gctgcaggaa agcgcccagc tgaggatgat      600
gtacccagga aagccaaaag aaaaactaat aaggggctgg ctattacct caaggagtat      660
aaagaggcca tacatgatat gaatttcagc aatgaggaca tgataagaga atttgacaat      720
atggctaagg tgcaggatga gaagagaaaa agcaaacaga aattgggggc gtttttgtgg      780
atgcaaagaa atttacagga ccccttctac cctagagggtc caagggaatt caggggtggc      840
tgcagggcc caggaaggga cattgaagac attccttatg tgtagtgtcc ctggcaggca      900
tttaccaggc catgtgcttt aacgttacgg taatacttta ctttaggcat ccctcctggt      960
gctagcagcc ttttgacct tctgcaatgc agtggttctca gtaggaaatg ttcatctggt      1020
acatggaaaa aatgttgatg gtgcattgta aaattaaana acacaacttg cagaaccaa      1080
tatatggcat cagtacattt ttgtaaaact acaaagatac ttacctagta atatagtata      1140
gaaaacaatt ctgaaagctg tgtccactaa aagattaaca gtggttatct ctgggtgatt      1200
ttttctgttc tttttgttc atctgtccat ttttctcta aaaacagatt tcttttagtca      1260
taaaaataat aaaatataaa gtattggaaa acagtgaaaa aaaaaaaaaa      1309

```

```

<210> 2228
<211> 1118
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (5)...(1105)
<223> similar to gi3127926 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2228
cccacgcgtc cgcgatgagc tcaatgtgaa gccagagggg acccgaattg cggtgggtca      60
gtacagcgat gatgtcaagg tggagtcccg ttttgatgag caccagagta agcctgagat      120
cctgaatctt gtgaagagaa tgaagatcaa gacgggcaaa gccctcaacc tgggctacgc      180
gctggactat gcacagaggt acatttttgt gaagtctgct ggcagccgga tcgaggatgg      240
agtgttcag ttctgggtgc tgctgggtgc aggaagggtc tctgaccgtg tggatgggccc      300
agcaagtaac ctgaagcaga gtgggggtgt gcccttcate ttccaagcca agaacgcaga      360
ccctgctgag ttagagcaga tcgtgctgtc tccagcggtt atcctggctg cagagtgcgt      420
tccaagatt ggagatcttc atccacagat agtgaatctc ttaaaatcag tgcacaacgg      480
agcaccagca ccagtttcag gtgaaaagga cgtgggtgtt ctgcttgatg gctctgaggg      540
cgtcaggagc ggcttccctc tgttgaaaga gtttgtccag agagtgggtg aaagcctgga      600
tgtgggccag gaccgggtcc gcgtggccgt ggtgcagtac agcgaccgga ccaggcccga      660
gttctacctg aattcataca tgaacaagca ggacgtcgtc aacgctgtcc gccagctgac      720
cctgctggga gggccgaccc ccaacaccgg ggccgcctcg gagtttgtcc tgagggaacat      780
cctggtcagc tctgcgggaa gcaggataac agaaggtgtg cccagctgc tgatcgtcct      840

```



```

<400> 2230
cctcaaagtt attattattg caacaccata tatgcatcat tatatgaagc atcagaaaaa 60
aggaatacat cgttgtacaa aatgcaggct gcagtttttg acatgcaagg agaaaatgga 120
tcataagact caacaccatc gaacatttat aaaacctaaa caactagaag gattgcctcc 180
tggaacaaaa gttactattc gagcttcagt tggacctctg caatcaggag cttcacctac 240
accttccatt agtgcaagtg cttctaccct tcagctctca cctccaagga ctaaaaaatat 300
aactgctaaa aatcctgcaa aatctaatac aagtaaacct aatacaatca aatccaacgc 360
aagtaaacct aatacaagta agcctaattg aagtaaactc aaatacaaac caaaaatctc 420
taatatg 427

```

```

<210> 2231
<211> 825
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (289)...(826)
<223> similar to gi2463544 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2231
tttcgtgcgg ggctgggggc tcggccccgcc ttgccctgag gcgctgggtg ccttccagtt 60
ggctgcgacc agcgggtgact tacaagttgg ctgctgtcgc ctgcgcatcg gcgggccggg 120
aggctgagca gtactgttga gagcgggtgtg aggtgcttgg tagcgcgccg tagctgcttc 180
cacgtccttg cttcacctca ggtaaagaga gaagtaatgg aaggcctgtc tgatgttgct 240
tcttttgcaa ctaaacttaa aaacactctc atccagtacc atagcattga agaagataag 300
tggcgagttg ctaaaaaaac gaaagatgta actgtttgga gaaaaccctc agaagaatth 360
aatggatatc tctacaaagc ccaaggtgtt atagatgacc ttgtctatag tataatagac 420
catatacgcc cagggccttg tcgtttggat tgggacagct tgatgacttc tttggatatt 480
ctggagaact ttgaagagaa ttgctgtgtg atgcgttaca ctactgctgg tcagctttgg 540
aatataatth ccccaagaga atttgttgat ttctcctata ctgtgggcta taaagaaggg 600
cttttatctt gtggaataag tcttgactgg gatgaaaaga gaccagaatt tgttcgagga 660
tataaccatc cctgtgggtt gttttgtgtt ccacttaaag acaacccaaa ccagagtctt 720
ttgacaggat atattcagac agatctgcgt gggatgattc ctcagtctgc ggtagatata 780
gccatggcaa gcactttaac caacttctat ggtgatttac gaaaa 825

```

```

<210> 2232
<211> 1317
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (575)...(1319)
 <223> similar to gi2655902 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2232

```

ggccctgaag ggatctcttg tccagaatta aacactgac accagtggac cagagctgcc      60
tggagcacat cttcactggg ctgcataatg gtttttaaaa aatcctggag cctctatattt    120
agcatctcga tttgagatat gaagatccat gtttcttgag tttttcttaa acgacagaag    180
atattgcttc ccagactagc atccctctgt ggctacaacc agcctgaacc gaggggtctg    240
ccctttagaa gggcccagct cacgggctca ctgtgcactc aggccctagc cagcctgctg    300
tacgtagggtg tttgcgattt catcattggc cttgttttaa cagacagcag agcagagcac    360
ctgccataaa gcaagcctcg atgtgctaag tgccatgtgg agcccttgcc ctgctggggc    420
tcgctgctcc catttgagct gccacagatc agccctccc cccagggctc ccgaggagtc    480
aggaccgcac agcctgccct cctagggaag gacttcctca gggaaggcag gcatgtggaa    540
gccagggtgca gagtccctggc ctctccacac aggtgccgcc caggtgatgt ggtttgagaa    600
gctgtatgct ggcctgcagt gcgtagagaa gtacctcatc taccgcccg tggtgctcaa    660
cgccctcacg gtggacgccc acacagtcgt cagccaccgc gacaagtact gcttctactg    720
ccggggcgctg ctgatgaccg tggctgggct gaagctgctg cgctcagcct tctgctgccc    780
cccacagcag tacctgacgt tggccttcac cgtcctgctc ttccactttg actaccgcg    840
cctctcccag ggctttctgc ttgactactt cctcatgtcc ctgctttgca gcaagctgtg    900
ggacttgctg tacaagctgc gtttcgtgct gacctacatc gcgccctggc agatcacctg    960
gggctcggtt ttccacgctt ttgccagacc gtttgccgtg ccacactcgg ccatgctgtt   1020
cgtccaggcc ctgctctcgg ggctcttctc cacgcctctc aaccactcgc taggcagtgc   1080
cgtcttcac atgtcctacg ctccggccct caagttctgg gagcgcgact acaacactaa   1140
acgtgtggat cattccaaca cccgcctggt cacacagctg gacaggaacc ctggcgctga   1200
tgacaacaac ctcaactcca tcttctatga gcacttgaca cgttcgctgc agcacacact   1260
gtgtggggac ctggtgctgg gccgctgggg caactatggc cctggtgact gcttcgt     1317

```

<210> 2233
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (23)...(715)
 <223> similar to gi5051630 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2233

```

tcagctcagc ttggcacgag gaaaggtgtt cttgtgtgcc ttgtcttttg tttactttgc      60
caaagcattg gcagaaggct atctgaagag caccatcact cagatagaga gaagggttga    120
tatcccttct tcaactgggtg gagttattga tggtagtttt gaaattggga atctcttagt    180
tataacattt gtttagctact ttggagccaa acttcacagg ccaaaaataa ttggagcagg    240
gtgtgtaatc atgggagttg gaacactgct cattgcaatg cctcagttct tcatggagca    300
gtacaaatat gagagatatt ctcccttctc caattccact ctacagcatc ctccgtgtct    360

```

```
cctagagtca agcagtcaat taccagtttc agttatggaa aaatcaaaat ccaaaaataag 420
taacgaatgt gaagtggaca ctagctcttc catgtggatt tatgttttcc tgggcaatct 480
tcttcgtgga ataggagaaa ctcccattca gcctttgggc attgcctacc tggatgattt 540
tgccagtga gacaatgcag ctttctatat tgggtgtgtg cagacggttg caattatagg 600
accaatcttt ggtttcctgt taggctcatt atgtgccaaa ctatatgttg acattggcctt 660
tgtaaacctg gtcattttta ggtggaagca tgttacagca cattatcgag gaa 713
```

```
<210> 2234
<211> 344
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (248)...(346)
<223> similar to gi2440078 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2234
aaatcccaa acctacttag gtctactctg tatattgtgtt ttcaaataat ttttttagct 60
tccaaataga agcggtgtat tcttttctga attagaaaac attgttctgac ttaactgcta 120
aagagttaga caatcatttt gcatatgttt attatgtctt agattgtttg cattgttacc 180
tagattctct ttcattctttc aatgtcagtt tttattgggtt tattatatgt tgtttatttt 240
cttttttagga agccaccatt cttcagaggg caatgaaggc acagaaatgg aagtaccagc 300
agaagatgat gattattctc caccgtctaa gagaccaaag gccca 344
```

```
<210> 2235
<211> 642
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(631)
<223> similar to gi790585 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2235
gcaatattgg aggctgcatt tcagtttctg tcaccctctc agcagaattt gtttaaattt 60
tgtctgtccc ttcgttctta ctcagctaca atccaagcct tccagcagat agcagctgat 120
gaacctccac cagaaggatg taattcgttt ttttcagtgc atggaaagaa gacttgtgaa 180
tctgataccc ttgaggctct tctactgaca gcctctgaaa gacccaaacc tttattgttc 240
aaaggagatc acagatatcc ctcgtctaat cctgaaagcc ctgtggtgat tttctactct 300
```

```

gagattggct ctgaggaatt ttccaatttt caccgccagc ttatatcaaa aagcaatgca 360
ggcaaaatca actatgtatt cagacattat atatttaatc ccaggaagga gcctgtttac 420
ctctctggct atggcgtgga attggccatt aagagcactg agtacaaggc caaggatgat 480
actcaggtga aaggaactga ggtaaacacc acagtgattg gtgaaaatga tcctattgat 540
gaggttcagg ggttcctctt tggaaaatta agagatctgc accccgacct ggagggacag 600
ttgaaagaac tcagaaagca tcttgtagag agcacctgta tt 642

```

```

<210> 2236
<211> 343
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (32)...(345)
<223> similar to gi5824882 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2236
tggttcaca gggcagaccc cgctgcactc acagggagga ggaggcggca gcggcggagg 60
aaggcggcgc accccgagag gcatgcccaa agaaaaatac gagccccctg accctcggag 120
gatgtataca attatgtctt ctgaggaagc agcaaattga aagaaatccc actgggcaga 180
gcttgaaaata agtggaagag taagaagctt aagcgcactt ttgtggtcac taactcacct 240
gacagctttg catttgagtg acaattccct gtcccgaatt ccttcagaca ttgccaaagct 300
tcacaatctg gtgtatttgg acctgtcatc taataaaatt cgg 343

```

```

<210> 2237
<211> 1067
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (263)...(1054)
<223> similar to gi2982501 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2237
cagccttcca aggtagggca caccaaggcc taaggaatca gaaagggccc gaggggtgggc 60
tgtgtcctgg ctttcaggcc ctggggcgac caccagcctc tgctcactct gaggctccag 120
ccagggcgcc aagcctcagg accgtgggtg gggcccaagg acactctgga cccccgttcc 180
attcatgaga ggccctcagc acgccacgtg tctgctgtga cagcccgcag ggaggggtgga 240
agccttctgt aaattccaca tgtggggcga gggcatgacg tccttgatga aggccgcgct 300

```

ggacctcacc	taccccatca	cgtccatggt	ctccggagcc	ggcttcaaca	gcagcatctt	360
cagcgtcttc	aaggaccagc	agatcgagga	cctgtggatt	ccttatttcg	ccatcaccac	420
cgacatcaca	gcctcggcca	tgcgggtcca	caccgacggc	tccctgtggc	ggtacgtgcg	480
tgccagcatg	tccctgtccg	gttacatgcc	ccctctctgt	gacccgaagg	acggacacct	540
gctgatggac	gggggctaca	tcaacaacct	cccagcggat	gtggcccggg	ccatgggggc	600
aaaagtgggtg	atcgccattg	acgtgggcag	ccgagatgag	acggacctca	ccaactatgg	660
ggatgcgctg	tctgggtggt	ggctgctgtg	gaaacgctgg	aaccccttgg	ccacgaaagt	720
caaggtgttg	aacatggcag	agattcagac	gcgcctggcc	tacgtgtgtt	gcgtgcggca	780
gctggaggtg	gtgaagagca	gtgactactg	cgagtacctg	cgccccccca	tcgacagcta	840
cagcaccctg	gacttcggca	agttcaacga	gatctgcgaa	gtgggctacc	agcacggggc	900
cacggtgttt	gacatctggg	gccgcagcgg	cgtgctggag	aagatgctcc	gcgaccagca	960
ggggccgagc	aagaagcccg	cgagtgcggg	cctcacctgt	cccaacgcct	ccttcacgga	1020
ccttgccgaa	attgtgtctc	gcattgagcc	cgccaaqccc	gccatqg		1067

```
<210> 2238
<211> 533
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (28)...(534)
<223> similar to gi3879755 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 2238							
cgctgcta	at	tatgacttat	ttcaactgaa	aaacaacaaa	aaaagtcaac	tctgccaaaa	60
gcgattgt	at	cctccagaga	tagtgacatt	attgatttca	ggctatttgc	caagttgaat	120
gctttctgt	g	tcattgtttg	caacgaaaag	aacaaaatcg	ccgaaatcaa	gattcaagga	180
ctggattcct		ccctttctct	ccagtcaaga	aagcagtcac	tttttgcccg	actagaaaat	240
attattgtca		cagatgttga	tccaaagaca	gttcataaga	aagctgtgtc	aataatggga	300
aatgaagttt		tccgttttaa	tttggaattg	tatccagatg	ctactgaggg	ggatttggat	360
actgacatgt		ccaaagtggg	tgggtgtgctg	tctctgaatg	atggctgtat	tcagattggc	420
tatcttcata		aattccttat	gtcacttctg	aacttcctga	ataatttcca	gaccagacaa	480
gagtctctga		gtgctgccac	tggccacgct	qcaaaaaggg	ctgccacaag	tgg	533

```
<210> 2239
<211> 992
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(995)
<223> similar to gi2104558 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```

<400> 2239
cggacgcgtg ggccgagacc cgccattgga cggctctgac ttttgctgtg ttgcatggac    60
atattcctgt agttcagctc ctccctggatg ctggggccaa ggtggaaggc tcagtggagc    120
atggcgagga gaactactcg gaaacacccc tccagctggc agctgctgta ggaaattttg    180
agctggttag tttgctgttg gagcgtggtg ccgatcccct gataggaacc atgtacagga    240
atggaatttc tacaaccccc cagggtgata tgaactcttt cagccaggct gcagcccacg    300
gacacaggaa tgtgttccgc aaactgctcg ccagccaga gaaggagaag agtgatatcc    360
tgtccctgga ggagattctg gccgagggga ctgacctggc ggagacagcc ccgccccct    420
tgtgcgccag ccgcaacagc aaggccaaac tgagggccct gagggaggcc atgtatcaca    480
gcgctgagca tggctacgtg gatgtcacia ttgatatcag gagcataggc gtcccgtgga    540
ctctgcacac gtggctggag tctttgcgga tcgccttcca gcagcaccgc aggcctctca    600
tccagtgttt gttaaaggag tttaagacca ttcaggagga ggaatacacg gaggagctcg    660
ttaccaagg cctgccccct atgtttgaga tcctgaaagc gagcaagaat gaagtgatca    720
gccagcagct gtgcgtcatc ttcacacact gctacgggcc ctacccccatc cccaagctca    780
cagaaatcaa acggaaacag acctcgcgct tggatcctca ttttcttaac aataaagaaa    840
tgtctgatgt tacatttctg gtagaaggaa gaccatttta tgctcacaaa gtgctgttat    900
ttacagcctc tccaagggtc aaagcactcc tctccagcaa gccgacaaat gatggcacct    960
gcatagagat tggttatgtg aaatactcca tc                                     992

```

```

<210> 2240
<211> 417
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (22)...(418)
<223> similar to gi4185940 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2240
ggtcgaccca cgcgtccgca tctatacact tgtattaaact cccactttga ctccaggaaa    60
agtgtaatgt tggttcgagc tcaagaagga atctggattc cgataacttt acctagacct    120
tgggaatcct cccctcaac acatttaatt aatgaagtgg tacaacgaat tctaaaaaga    180
tctaagatat ttgttttcac tttaatcgct gttatcatgg gcctaattac agtcactgca    240
atggccacca ctgctggaat ggcattacac cagtccattc aaacggctca ttttgttaat    300
gattggcaag ccaattccac ccaaatgtgg aattctcaac aaggcatcga tcaaaaattg    360
gcaaatcaaa ttattgattt aagacagtct gttatttggc ttggagatcg ggtagtg    417

```

```

<210> 2241
<211> 196
<212> DNA

```


0048735.0100

```

<400> 2244
tttttttttt ttgatgcttg cagagcaact cccaataact tgatcttcaa gacgggaatt    60
acttctgatt acactctgag aatatctgtc atctgccttt gacaccttat aagttgattc    120
ttgagcatta atttctccat cagatagcct ttgggttgat gactcaagag atgcttgtgg    180
ctgcaacacc tgtaactctt gcattgggaa aaccatcttc ttgctttgaa gatggataca    240
catctgagtc aagctttctt tcagcataag actttgggtc aggggaagtt atgttatttt    300
gtaatgtctg acaatgagta gaggatgcaa aagatgatga ctggacagca ggcaaaaact    360
tctgggactg gggagatgat gactcttgag tctgaacatt ttgggaagaa tgcatagaaa    420
tataattctg ggtcgggcta gagtctggca aattctgagc ccgagaggca gaagaataag    480
aaagagaagg ggctgttaat gttagggact cccctgaagc atagctttct gaaagactaa    540
caactgacaa aacttgtgat tgagatgaat agctaacctg tgtctggcta actggtgata    600
aacctgaga gtgaccagat gagtaacttt gagactgact tactgaagac agatctcttg    660
tttgagcagg gtaattctca ttgttaactg aagacaatac ctcttgctga ttagatgaat    720
aattaagcgt ctgattttca ggagttatag tctgagatga ccagaaaaa gtcaatgttt    780
tatacaaggg tggcaattt                                     799

```

```

<210> 2245
<211> 422
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(423)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (46)...(423)
<223> similar to gi487785 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2245
atcatgtnnn nnnatgatat tccttggtcg acccacgcct ccggtggaaa aacctttatt    60
ttccattcaa gttttcgaag acacatggta atgcacagtg gggatggaac ttataaatgt    120
aaattttggg ggaaagcctt ccattctttc agtttatatc ttatccatga aagaactcac    180
actggagaga aaccatatga atgtaaaca tgcggcaaat cttttactta ttctgtacc    240
cttcaaatac atgaaagaac tcacactggg gagaagccct atgaatgtag caaatgtgat    300
aaagcatttc atagttctag ttcctatcat agacatgaaa gaagtcacat gggagagaag    360
ccttatcaat gcaaagaatg tggaaaagca tttgcatata ccacgtctct tcgtagacat    420
ga                                                    422

```

```

<210> 2246
<211> 658
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (16)...(224)
 <223> similar to gi2511715 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2246
 gccatggagt acacagggag caaatatatc ggggaatatg tagatgggag gatggagggc 60
 aaagcaaggt acatcctccc taccgaaaca atatatgttg gggaaatgaa ggatggcatg 120
 ttccacggcg agggaaacct gtacttcccc agcgggaagcc aatacgacgc catttgggaa 180
 aacggattgg ccataaaggg cacatatacg ttctcagatg ggctgcacta tgatgagaaa 240
 aactggcatt actgcgacgg ctatgatcgg aggttttaca cagagatcct caatggcttg 300
 aagcctgcag gtatggctca actcaccaat atggaccac ctagaaaaat cccaagggc 360
 tattacgatt gtggagacgg cttctataac ccagtcacga gggtagtcaa ggactatagg 420
 aaccgctttc taagaaacgc agatgatgac gagcatgagt ggatcacccg tacctgtcga 480
 aagggctagg atgagatcgt gggtcacagg cccgagccgt gaactctgtg gctgcctcca 540
 ccagagggtt ccatctgccc tactagcatt ggctgccttg ggggacgggc tgtagttcta 600
 gaacctgatt ttaactcagg aataaagact ttctgcggtc agtggcaaaa aaaaaaaaa 658

<210> 2247
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (202)...(746)
 <223> similar to gi467292 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2247
 gagcgggggc ctgacgtagc tgatcccagc ctaacctggc ccggctggct gctggtggga 60
 ggccggcgac tgagtaagat gaagatccag ttccagacat gagactcggt ggggtgatcat 120
 ttcattgaga tcaacctgaa tgaccaggtg taaagtcaa gagtaatatg ctatgactga 180
 gtaactatgt ttccggtagc ccctaaaccc caggattcca gtcaaccatc agacagactc 240
 atgactgaaa aacagcagga agaagcagaa tgggaaagca taaatgtgct attgatgatg 300
 catggcttaa aacctttgtc tctagtcaaa agaacagatc tcaaagatct catcattttt 360
 gacaaacagt catcacaag gatgagacag aatttgaaat tgttggtgga agaaacatca 420
 tgtcaacaga acatgatata ggagcttata gaaactaatc aacagcttag aaatgaactt 480
 cagctagagc aaagccgagc agccaatcaa gaacaacgag ctaatgactt ggaacaaatt 540
 atggaaagtg tgaaatccaa aattggtgaa ttggaggatg aatcactaag tagggcttgc 600
 caccaacaga ataaaataaa agatcttcaa aaggagcaga aaactttaca ggtgaagtgc 660
 cagcattata agaaaaaacg aacggagcaa gaagaaacta ttgcttcttt gcaaattgaa 720
 gtctgtagat taaaaaagga ggaagaagat cgcattgtca ctcaaaacag ag 772

<210> 2248
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (82)...(453)
 <223> similar to gi3329636 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2248
 tttcgtggcc ggtcgggcag cgctgcggga gcagccgccg gcaccgccgc cttgcacccat 60
 cgcacatcatgt ccgggcagct ggagcgttgc gagcgcgaaat ggcacgagct ggagggagaa 120
 tttcaagaac tgcaggagac gcacaggatc tacaagcaga agctggagga gctggctgcg 180
 ctgcagacgc tgtgtagcag ttccatcagt aagcagaaga agcacctcaa ggacttgaag 240
 cttacactcc agaggtgcaa acgccatgcc agtcgggagg aggcggagct cgttcagcag 300
 atggcagcga acatcaagga gcggcaggac gtcttcttcg acatggaggc ctacctgccc 360
 aagaagaacg ggctctactt gaacctgggtc ctcggcaatg tgaacgtgac cctcctcagc 420
 aaccaggcca agttcgcta caaggacgaa tatgagaagt tcaagctcta cctgaccatc 480
 atcctgctcc tgggtgccgt ggcacgtcga tttgtccttc actacagggt gactgacgaa 540
 gtcttcaact tcctgctggt gtggtattac tgcaccctga ccattcggga gagcattctc 600
 atcagcaacg gctcaagaaa

<210> 2249
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (181)...(757)
 <223> similar to gil262142 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2249
 tttcgtgcga gaggttggtg ggtgtctccg gccacaatga cccaggctga gaaggggtgat 60
 acggagaacg gaaaggagaa gggcggcgag aaggagaagg agcagcgcgg cgtgaagcgg 120
 cccatcgtgc ccgcgtggt gccggagtcg ctgcaagagc aaatccagag caacttcac 180
 attgtcatat atccagggtt aacaacttta aggattggtc gagccacaga cactcttct 240
 gccagcattc ctcacgtcat tgcccgaaga cacaacaac aagggcagcc cctatacaag 300
 gacagttggc tcctaaggga gggactaaat aaaccagaaa gtaatgaaca aagacaaaat 360
 ggccttaaaa tgggtggatca agcaatatgg tctaaaaaga tgtccaatgg tacaagacgc 420
 attcctgtgt cccctgaaca ggcacgctcc tacaataagc agatgcgacc tgcaatttta 480

gatcactgtt	cgggaaataa	gtggacaaat	acatctcatc	accctgagta	tttagtagga	540
gaagaggcct	tgtatgttaa	tccactggac	tggtacaata	ttcactggcc	tatcagaaga	600
ggtcagttaa	atattcaccc	aggccctggg	ggctctctta	cagctgttct	ggcagatatt	660
gaagtaatat	ggctctcatgc	gatacaaaaa	tacttgga	tcccactgaa	agatttaaag	720
tattatagat	ggatcttggt	aattcctgat	atctat			756

<210> 2250
 <211> 427
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(430)
 <223> similar to gi4426629 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2250	
cgttgacaa	60
ggacacggga	120
ctcatcatgc	180
tgattgccag	240
gctggactat	300
gagctcatcc	360
agcgcttcac	420
cctgacgac	480
attgcccggg	540
acgggggcgg	600
cgaggagacc	660
acaggccggg	720
tcaggatcaa	780
tgtgttgat	840
gtcaacgaca	900
acgtgccac	960
cttcagaag	1020
gatgcctacg	1080
tgggtgctct	1140
gcgggagaac	1200
gagccttctg	1260
tcacacagct	1320
ggtgcggctc	1380
cgggcaacag	1440
atgaagactc	1500
ccctcccaac	1560
aaccagatca	1620
cctacagcat	1680
tgtcagtga	1740
tctgcctttg	1800
gcagctactt	1860
cgacatcagc	1920
ctgtacgagg	1980
gctatggagt	2040
gatcagcgtc	2100
agtcgcccc	2160
tggtatga	2220
acagatatcc	2280
aatgggctga	2340
tttatctgac	2400
ggatcatggc	2460
atggatgctg	2520
gcaacc	2580

<210> 2251
 <211> 704
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (220)...(624)
 <223> similar to gi5923786 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2251	
tttcgtgtga	60
gggagagccg	120
agggaaccag	180
cgcggtgcct	240
agcggaactc	300
cagggctgga	360
atcccagagac	420
acaagtgc	480
ctgctagctg	540
ttagcacttg	600
gcagacggag	660
ttctcctcta	720
gggtagttct	780
aactttgggt	840
aataatgttt	900
gtcagctacc	960
tgatattaac	1020
attgctccac	1080
gttcaaacag	1140
cagtgttagc	1200
aagacctggg	1260
ggagagagca	1320
ttggctgtga	1380
tgactactta	1440


```

gagtctctac caccggtcca gtttgactgg agtagcagtg gccttactaa cccttttagat 1800
ggtgtggatc cggagttgta tgagttaaca acttctaagc tggaaatctc cacctcaagc 1860
ctcaaagtga ctgatgcatt tgcaagactc atgtctacag tagagaagac aagcacatct 1920
accagtagga aaccgaaaag agaagagcac ctaagtgaag aagctatcaa ggtgatcgct 1980
ggccttcctg acttaacatt catgcatgcc aagggtgttg tgttcccagc cacgttaaca 2040
ccttccacaa gctctcaaga aaaagcagac ggataactga tgtgaattgg acagtttcta 2100
ttgcttttcc ttttttccat cccttcccta ccatcaaaag catacctgct ctaattaaaa 2160
aaaaaa 2166

```

<210> 2253
 <211> 803
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(801)
 <223> similar to gi4138207 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2253
aagctgtgga gtgagacctt cgatgtgtgc gtcaatcaga tgcttacatc caaggaaatc 60
aaacgtcagg aggcgatctt tgagctttcc caaggagaag aagacttgat agaagacttg 120
aaattagcaa aaaaggccta tcatgacccc atgctgaaac tctccataat gacagaacaa 180
gagttgaatc aaatttttgg aacactggac tctctaattc ctctacatga agagctcctt 240
agtcagcttc gagatgttag gaagcctgat ggctcgactg aacatgttgg tcccatcctc 300
gtgggctggc tcccttgccct cagctcctat gatagctact gcagcaatca agtagccgcc 360
aaagctctgc tggaccacaa aaagcaagat caccgagtc aggatttcct acagcgatgt 420
ttagaatccc ccttttagccg caaactagat ctctggaatt tcctcgatat tccaagaagc 480
cgcctggtaa aataccctct gcttctccga gaaatcttga ggcacacacc aaatgataat 540
ccagatcagc agcacttgga agaagctata aatatcattc aggggaattgt ggcagaaatc 600
aacaccaaga ctggtgaatc tgaatgccgc tattataaag agcggcttct ttacttggaa 660
gaaggccaga aagactccct gatcgacagc tctcgagtct tgtgttgca tggatgaactg 720
aagaacaatc ggggctgtga actgcatgtt ttctgttcc aagaagtgt tgtgatcact 780
cgagccgtca cccacaatgt att 803

```

<210> 2254
 <211> 704
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (11)...(565)
 <223> similar to gil504016 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<220>
 <221> misc_feature
 <222> (10)...(421)
 <223> similar to gi5815459 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2256
 atttcaggag ggaccagaag cgcaggcccg ctcaggagga attacaactt catcgccgcg 60
 gtggtggaga aggtggcgcc atcgggtggtt cacgtgcagc tgtggggcag gaaccagcag 120
 tggattgagg tgggtgctcca gaatggggcc cgttatgaag ctgttgtcaa ggatattgac 180
 cttaaattgg atcttgcggt gattaagatt gaatcaaatg ctgaacttcc tgtactgatg 240
 ctgggaagat catctgacct tcgggctgga gagtttgtgg tggctttggg cagcccattt 300
 tctctgcaga acacagctac tgcaggaatt gtcagcacca aacagcgagg gggcaaagaa 360
 ctggggatga aggattcaga tatggactac gtccagattg atgccacaat taactatggg 420

<210> 2257
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(393)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (29)...(262)
 <223> similar to gi688412 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2257
 cgaccctggg atcttctctg tgtgggcagt accaccctgg gcactgatcg ccattgctgt 60
 ggttgctggg ctcttgcttc tcacctgctg cttctgcacg tgcaagaaat gctgctgcnn 120
 nnnnnnnnnn nnnnnnnnnn nnnnngcaa aggcattgaag aatgccatga acatgaagga 180
 catgaaaggg ggtcaggtag ggcacattgg ttgtgagggg gactggaagg ggctcagccc 240
 aggctttcct gatgctgaaa ggggaagcaa aggcctcctg gcttccacag ccaaacctgc 300
 tcccctcctt aaaacttggc tctctcagtt acatctctag tataacaccg tctacctgga 360
 ggcccctggg aggggggggc cttattcctg tg 392

<210> 2258
 <211> 399
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (15)...(402)

<223> similar to gi5640017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2258

cccacgcgtc	cgcttttgaa	tgtactgaat	gtgggaaatc	attcagctgg	agctcccatc	60
ttattgcccc	tatgagaatg	catactggag	agaaaccctt	taaatgtgat	gaatgtgaaa	120
aagcttttag	ggactactca	gcccttagta	aacatgaaag	aactcattct	ggagcaaaac	180
catataaatg	tactgaatgt	ggaaaatcct	tcagctggag	ctcccatctt	attgcccatac	240
agagaactca	cacgggagag	aaaccatata	actgtcagga	atgtggcaaa	gcattcagag	300
aacgctcagc	cctcactaaa	catgagataa	ttcattctgg	aattaagccc	tatgaatgta	360
ataaatgtgg	aaaatcctgt	agccagatgg	ctcaccttg			399

<210> 2259

<211> 1057

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (23)...(624)

<223> similar to gi4678722 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2259

cccacgcgtc	cgagaactca	aagaaattct	ggataggaaa	gggcatttct	cagagaatga	60
gacaagggtg	atcattcaaa	gtctcgcatc	agctatagca	tatcttcaca	ataatgatata	120
tgtacataga	gatctgaaac	tggaaaatat	aatgggttaa	agcagtccta	ttgatgataa	180
caatgaaata	aacttaaaaa	taaagggtgac	tgattttggc	ttagcgggtga	agaagcaaag	240
taggagtga	gccatgctgc	aggccacatg	tgggactcct	atctatatgg	cccctgaagt	300
tatcagtgcc	cacgactata	gccagcagtg	tgacatttgg	agcataggcg	tcgtaatgta	360
catgttatta	cgtggagaac	cacccttttt	ggcaagctca	gaagagaagc	tttttgagtt	420
aataagaaaa	ggagaactac	attttgaaaa	tgacgtctgg	aattccataa	gtgactgtgc	480
taaaagtgtt	ttgaaacaac	ttatgaaagt	agatcctgct	cacagaatca	cagctaagga	540
actactagat	aaccagtggg	taacaggcaa	taaactttct	tcggtgagac	caaccaatgt	600
attagagatg	atgaagggaat	ggaaaaataa	cccagaaagt	gttgaggaaa	acacaacaga	660
agagaagaat	aagccgtcca	ctgaagaaaa	ggtgaaaagt	taccaaccct	ggggaaatgt	720
ccctgagacc	aattacactt	cagatgaaga	ggaggaaaaa	caggtaggaa	gaatcattgc	780
tgcatcttct	ccaagtgtaa	aataccctca	ccacacctgg	aacatttttt	tgcaaatctg	840
tctttttgtt	gttagtttgt	aacaaaggcc	gagcgttata	tagcaagtaa	agttctttct	900
gccttataag	gctagcatga	tttagcgagg	tggcctacat	gtttatttta	agggttggtga	960
ttatgtaggg	caggtgtctg	caaacttttt	ctgtaaggga	acaaacagta	aatatttttag	1020
gctttgtggg	ccctagtagt	ctttgtcaca	actactc			1057

<210> 2260
 <211> 1815
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (272)...(1475)
 <223> similar to gi4589512 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

094837.0100

```

<400> 2260
atatcggagg aatcccagaa tatagatata gcttaaattt tgtcttacia agtcagcact    60
tattggttat tcattgttgc gtgttctcaa aggccctgag tcaactgtct ctactcagtt   120
aaatactatt tggacttgct ccttatgggt tcaagcacia ttattacaat atttggggct   180
tacaaaaatt ttatttataa ctagctttta atttaactag atattgtaaa aattggaaat   240
ttggaatatt catttctttg tcctgttgta ggtggcgctc tgttttccga atagtgaccc   300
tgtgatgttc atggatgcat tttatgggtg tctcctggca gagctgggtc ctgtcccat   360
agaagtgcc aacaagaa aggatgcagg cagccaggag gttgggtttc tgctgggcag   420
ctgtggagtc ttcttggccc tgaccacaga cgcttgtag aaaggcctcc ccaaggcaca   480
gacaggagag gtggcagctt tcaaagggtg gccccgcctc tcctggctag tgattgatgg   540
gaagcatcta gccaaagccc caaaggactg gcacctctg gccaggaca cagggactgg   600
gactgcctac attgagtata aaaccagcaa agaaggcagt acggtggggg tcacagtgtc   660
ccacgcatcc ctgctggcac agtgccgggc tctgacctag gcgtgcgggt actcagaagc   720
tgaaacatta acaaacgtgc tggatttcaa aagggatgct ggtctgtggc atggcggtgt   780
aacaagcgtc atgaacagga tgcacgtggt cagcgctccc tacgcgctga tgaaggcgaa   840
cccactctcc tggatccaga aagtgtgctt ctataaagct cgggcccgcg tggatgaagtc   900
gagagacatg cactggtctc tcctagctca gcggggccag agggacgtca gcctcagctc   960
actgcgcatg ctgattgtgg ccgatggtgc caaccctgg tcgatctcct cctgtgacgc  1020
cttcctcaac gtcttccagt ccagaggtct gaggccagag gtcactctgt cttgtgcaag  1080
ttctcctgag gcgctgactg tcgccatccg caggccacct gatctgggag gaccacctcc  1140
aagaaaagca gtccgtgcga tgaacggtct aagttatggt gttatcagag tggatactga  1200
agaaaagtgt tcagtcctta ctgttcagga cgttggtcag gtgatgcctg gagctaattgt  1260
atgtgttgtg aagttagaag gtacccctta tctttgtaaa actgatgaag tgggagaaat  1320
atgcgtcagt tccagtgcaa ctggcacagc gtactatgga ttgcttgga tcacgaagaa  1380
tgtgtttgag gcagttccgg tcaccacagg aggagcacc atctttgaca ggccattcac  1440
caggacaggc ctgctgggct tcacggggcc tgtgagtatg tcctcctgta ccagcactgg  1500
cagtcagaga aggtaggggg tgtggctaag ggacacctcg ttgcagcccc acccttgtcc  1560
tggccgttcc tgacctcca tgtggccttg gtcggtggcg ttgacctccc tgcccatcac  1620
cctacctgtg tgcaggcca tccacacctc cgagactggt gcacagtcct gcacacatgg  1680
cctgagtcgg ggggtcccg ggtggatgag gatgttttgc tttttatatg gagtggcagg  1740
tttgtgagta ttcattatat cattctttac ctttttgat gtctaaacta ttcaaaaata  1800
aatgcttcta tttgt
  
```

<210> 2261

<211> 833
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (553)...(684)
<223> similar to gil765919 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2261
tttcgtttcc gttgcaaagc atttctggga gctgcatgtg ggtgacgcag cagcattggt 60
cgcaggcaca ggaagccgcg gctgagctga agggctcgag aaggagccca gagcgctgca 120
cgctgctccc tctgggtagt ctgaagggtc agagctggac tgccctgccc tatgtgctct 180
gggagattcc agaataattca agtaaatccg gattttccca gaggcagaat atctaactcc 240
ttcaggagaa cttccagtagc agaaaacaaa acaaagacgc tggggaaact tcaccaagag 300
cctcggcagc tccagagcga cgggaaacga aagattttgc tggaggagct tgccaacagc 360
gatcccaagt tagccctcac tggagttcct atagtacagt ggccaaaaag ggataagctt 420
aaattcccca ctcgccaaa ggtgcggggt cctaccatcc ccattacgaa gcctcacact 480
atgaaaccag ctccacggtt aacacctgtg aggccagctg ctgcctcccc gattgtgtca 540
ggagccagac ggagacgagt gcgatgtcga aaatgcaaag cctgtgtgca aggagagtgt 600
ggtgtttgcc actactgcag agacatgaag aagtttgggg ggccctggacg catgaagcag 660
tcctgtgtcc tccgacagtg cttggcagtg agtgatctgc tgggtaaaga attttgggga 720
ggggtggcag tgccaaagga actgaaatac atatagtgtg gagttaaaga gccttcagag 780
ttggaaagaa aaggtttata ctctcttttt ggctttatnt tgtacctttt ttc 833

<210> 2262
<211> 467
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(468)
<223> similar to gi5918159 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2262
ttgagtatta gtgtcagtga tgtgtctctc tctgatgaag gacagtacac ctgttcttta 60
tttacaatgc ctgtcaaaac ttccaaggca tatctcaccg ttctgggtgt tctgaaaag 120
cctcagatta gtggattctc atcaccagtt atggagggtg acttgatgca gctgacttgc 180
aaaacatctg gtagtaaacc tgcagctgat ataagatggt tcaaaaatga caaagagatt 240
aaagatgtaa aatattttaa agaagaggat gcaaatcgca agacattcac tgtcagcagc 300
acactggact tccgagtggg ccggagtgat gatggagtgg cggatcatctg cagagtagat 360
cacgaatccc tcaatgccac ccctcaggta gccatgcagg tgctagaaat gcactataca 420
ccatcagtta agattatacc atcgactcct tttccacaag aaggacg 467

<210> 2263
 <211> 539
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(542)
 <223> similar to gil1017722 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2263
 aaccttataa atgtaacgaa tggggcaagg tcttcactct taattcacac cttgtaagac 60
 atcgaggaat tcatactgga gagaaacctt acaagtgtaa tgagtgtggg aaagccttta 120
 gagctcggtc aagcttaact atccatcagg caaccacag tggagaaaaa ccttaciaat 180
 gtaatgaatg tggcaagggtc ttcactcaaa attcacacct taaaaatcac tggagaattc 240
 aactgggaga gaaaccttac aagtgtaatg agtgcggcaa agccttttgt gttcgttcaa 300
 gcctagctat tcactctggga attcacaccg gagaaaagcc ttacaaatgt catgaatgag 360
 gcaaggctct taggcgtaat tcacaccttg caaggcatca gctaattcat actggagaga 420
 aaccttataa gtgtaatgag tgtggcaaag cctttatagc acattcaaac ctaactaccc 480
 atcaggctat ccatactgga gaaaagcctt acatatgtac tgaatgtggc aagggttc 539

<210> 2264
 <211> 627
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(630)
 <223> similar to gi2224541 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2264
 aagaagatgt ttgcttcata gtcttgaata gtaaagaagg ctcagggtctg ggattcagtg 60
 tggcaggagg gacagatgtg gagccaaaat caatcacggt ccacagggtg ttttctcagg 120
 gggcggtctc tcagggaagg actatgaacc gaggggattt ccttctgtca gtcaacggcg 180
 cctcactggc tggcttagcc cacgggaatg tcctgaagggt tctgcaccag gcacagctgc 240
 acaaagatgc cctcgtggtc atcaagaaag ggatggatca gccaggccc tctgcccggc 300
 aggagcctcc cacagccaat gggaagggtt tgctgtccag aaagaccatc cccctggagc 360
 ctggcatttg gagaagtgtg gctgtacacg atgctctgtg tgttgaagtg ctgaagacct 420
 cggctgggct gggactgagt ctggatgggg gaaaatcatc ggtgacggga gatgggcctc 480
 tggtcattaa aagagtgtac aaagggtggtg cggctgaaca agctggaata atagaagctg 540

gagatgaaat tcttgctatt aatgggaaac ctctggttgg gctcatgcac tttgatgcct 600
ggaatattat gaagtctgtc ccagaag 627

<210> 2265
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(417)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (3)...(338)
<223> similar to gi3046551 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2265
ggtacaacca gaaagtggat ctcttcagcc tgggaattat cttctttgag atgtcctatc 60
accccatggt cacggcttca gaaaggatct ttgttctcaa ccaactcaga gatcccactt 120
cgcctaagtt tccagaagac tttgacgatg gagagcatgc aaagcagaaa tcagtcattc 180
cctggctggt gaaccacgat ccagcaaaac ggcccacagc cacagaactg ctcaagagtg 240
agctgctgcc cccaccccag atggaggagt cagagctgca tgaagtgtg caccacacgc 300
tgaccaacgt ggatggaaag gcctaccgca ccattgatgg gccagatct tttcggcagc 360
gcatctcccc tgccatcgtt ttacacctat gaccagcgac atattgaagg gcaact 416

<210> 2266
<211> 926
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(810)
<223> similar to gi849186 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2266
atagaaacta gttctgaaga tgaagatgat acggcagatt tgtttccaga agaactctggt 60
tttgagcatg cttggagaga attagataaa gatgctcctc gtgctgatga gattacacgt 120
cgattagcag tttgtaacat ggactgggat agattaaagg caaaagattt gctggctctg 180

<221> misc_feature
 <222> (2)...(507)
 <223> similar to gi435776 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2268

tgatcatagga	aagaaaacaa	atagaggaag	aagatctaata	catataccag	aggaagagtc	60
ttcatcatcc	tccagtgatg	aagatgagga	tgataggaaa	cagattgatg	agctactagg	120
caaagttgta	tgtgtagatt	acattagttt	ggataaaaag	aaagcactgt	ggtttcctgc	180
attggtggtt	tgtcctgatt	gtagtgatga	gattgctgta	aaaaaggaca	atattcctgt	240
tcgatctttc	aaagatggaa	aatttacttc	agttccaaga	aaagatgtcc	atgaaattac	300
tagtgacact	gcaccaaagc	ctgatgctgt	tttaaagcaa	gcctttgaac	aggcacttga	360
atttcacaaa	agtagaacta	ttcctgctaa	ctggaagact	gaattgaaag	aagatagctc	420
tagcagtga	gcagaggaag	aagaggagga	ggaagatgat	gaaaaagaaa	aggaggataa	480
tagcagtga	gaagaagtaa	gtgaaaacag	ttgatacctt	ttaaaattat	aaataacagt	540
tgggtttccc	ttgtgggtta	ggatttggca	ttaagtcatt	actcatataa	gtatttttag	600
tatgagaaat	atttcataat	cttgattttg	agatcctcat	aatcagatag	tttacttggt	660
tacttttagat	atatgatctt	gtgaaataga	aaatattaag	cctgattttc	ctaataacct	720
caaaaacatg	tcttagtctt	cctatgcttt	ttttaatgag	atgattaaga	aagtatccac	780
caggctgggc	gcagtggctc	aggcctgtaa	tcccagcact	ttgggaggcc	aaggcaggcg	840
gatcacgagg	tcaggagatc	gagaccatcc	tggctaacac	agcgaaaccc	cgtctttact	900
aaaaatacaa	aaaattagcc	gggggtggtg	gtgggcacct	gtagtcccag	ctactcggta	960
ggctgagacg	aaa					973

<210> 2269
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (74)...(816)
 <223> similar to gi6018810 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2269

agggtcctag	cacagtgtct	gacggagctt	tcctaccaga	ccctgaaatt	cacgcatcag	60
gcgcgggaag	cggatatatc	atacagcaaa	tgctttggag	caagaaacta	aactgggggt	120
acgacggttt	gaagtttgtg	acaacattga	tcttgaaact	attttgatgg	aatatgagag	180
ttattatttt	gtaaaatttc	agaaataccc	caaaattgtc	aaaaagtcac	cagacacagc	240
agagaataat	ttaccgcaaa	gaagtagagg	gaagaccaga	aggatgatga	acgacagttg	300
tcaaaatctt	ccaagatca	atcagcagag	gccccggtcc	aaaaccacag	cggggaagac	360
aggggacacc	aaatcgctca	ataaggagca	tcctaatacag	gaggtagttg	ataacactcg	420
cctggaaagt	gccaacttcg	gcctacatat	atcaagaatc	cgtaaagaca	gtggagagga	480
aaatgccac	ccacgaagag	gccaaatcat	tgacttccaa	gggctgctca	cagatgccat	540
caaggagagca	accagtgaac	ttgccttgaa	caccttcgac	cataatccag	acccctcaga	600
acgactgctg	aaacctctga	gtgcatttat	tggcatgaac	agtgagatgc	gagaattggc	660

agccgtggtg	agccgggaca	tttatctcca	taatccaaac	ataaagtgga	atgacattat	720
tggacttgat	gcagccaagc	agttagtcaa	agaagctggt	gtgtatccta	taaggtatcc	780
acagctat	acaggaattc	tttctccctg	gaaaggg			817

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<210> 2270
<211> 938
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(906)
<223> similar to gi915208 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2270						
aaaaaggacc	agaaaaactcc	aacatccctg	gtggcttcgg	ttagcgggcc	tccaacgagc	60
tccagcacag	ctgccattgc	tgcagctagc	tctagctctg	caccagccca	agaaaccatc	120
tgcctcgacg	actcactaga	tgaagacctt	tctttccatt	caccttcact	ggatcttggt	180
tctgaagctt	tagcggttat	caacaatggg	aacaagggcc	ctccagggtg	ctcaaggata	240
agcatgccaa	ccacaaaagcc	tcgtccagga	ctgagagaag	aaaaattagc	aagtatcatg	300
agtaagctgc	cactagctac	tcccaaaaaa	ctagattcta	ctcagactac	acattcttca	360
agtcttattg	ctggtcacac	agggccagta	ccaaagaaac	cccaggattt	agctcatact	420
ggcatctctt	caggccttat	tgctggttct	tccattcaga	accctaaagt	ttctttagaa	480
cctttgccag	ccaggctact	tcaacaagga	cttcagaggt	caagccagat	tcacacttct	540
tcctcttcac	agacccatgt	ctcctcttct	tcccaagccc	aaattgctgc	ctcttctcat	600
gctctgggaa	catccgaggc	ccaagatgct	tcttcgtaa	cacaagtaac	aaaggtgcac	660
cagcattcag	ctgtccagca	gaactatgtg	tctccattac	aggccaccat	cagtaaatcc	720
cagaccaacc	ccgtcgtgaa	gttaagtaat	aatccccaac	tctcctgttc	ctcctcactt	780
attaagactt	cagataagcc	acttatgtac	cgccttcctt	tatctacccc	ctcacctgga	840
aatggttctc	aagggtccca	ccccctggtt	tctaggacag	tacctagcac	cactacctcc	900
agtaactatt	tagccaaggc	tatggtgtca	cagatctc			938

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<210> 2271
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(738)
<223> similar to gi4186183 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2271
ggaccaggac tacaagtacg acagtacctc agacgacagc aacttcctca accccccag      60
ggggtgggac catacagccc caggccaccg gacttttgaa accaaagatc agccagaata      120
tgattccaca gatggcgagg gtgactggag tctctgggtc gtctgcagcg tcacctgcgg      180
gaacggcaac cagaaacgga cccggtcttg tggctacgcg tgcactgcaa cagaatcgag      240
gacctgtgac cgtccaaact gcccaggaat tgaagacact ttaggacag ctgccaccga      300
agtgagtctg cttgcgggaa gcgaggagtt taatgccacc aaactgtttg aagttgacac      360
agacagctgt gagcgctgga tgagctgcaa aagcgagttc ttaaagaagt acatgcacaa      420
ggtgatgaat gacctgccc gctgcccctg ctccctacccc actgaggtgg cctacagcac      480
ggccgacatc ttcgaccgca tcaagcgcaa ggacttccgc tgggaaggac ccagcgggcc      540
caaggagaag ctggagatct acaagccac tgcccgggtac tgcattccgt ccatgctgtc      600
cctggagagc accacgctgg cggcacagca ctgctgctac ggcgacaaca tgcagctcat      660
caccaggggc aagggggcgg gcacgcccac cctcatcagc accgagttct ccgcggagct      720
ccactacaag gtggacgtc                                     739

```

```

<210> 2272
<211> 440
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (74)...(373)
<223> similar to gi3169113 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2272
gaagtcagac aaggctcaga gtggacccta caatgttgag aaggaaatcc ttacttcaag      60
attcttgctg gacactgaga cctgtcgaca gaattttagg aattttccat acccagacct      120
ggctggctct cgaaaggcat tgagtcaact ccgagagctc tgccttaagt ggctgagacc      180
tgagattcac tcaaaggaac aaattttgga gctgctggtg ctggagcaat tcctgacct      240
cctgcctggt gaggttagga cttgggtaaa gtcccagtat ccagagagca gcgaggagc      300
agtgactctg gtggaggatt tgactcagat tctagaagag gaagctcctc aaaactctac      360
cctttcccaa gatacccaa aggaagaccc caaaggaaac aagctttcca gacaggatgg      420
ctaatgaat  ttgtgaccac                                     440

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<210> 2273
<211> 611
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(613)
<223> similar to gi2384711 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 2273
ggaatcggaa gaaaatggag agagtgcatt ggacagcaca gtggccaaaag aaggcactaa 60
tgtaccatta gttgctgctg gtccttgtga tgatgaaggc attgtgacta gcacaggcgc 120
aaaagaggaa gacgaggaag gggaggatgt tgtgactagt actggaagag gaaatgaaat 180
tgggcatgct tcaacttgta caggggttagg agaagaaaagt gaaggggtct tgatttgtga 240
aagtgcagaa ggggacagtc agattggtac tgtggtagag catgtggaag ctgaggctgg 300
agctgccatc atgaatgcaa atgaaaataa tgttgacagc atgagtggca cagagaaagg 360
aagtaaagac acagatatct gctccagtcg aaaagggatt gtagaaagca gtgtgaccag 420
tgcagtctca ggaaaggatg aagtgcacac agttccagga ggttgtgagg gtcctatgac 480
tagtgctgca tctgatcaaa gtgacagtca gctcgaaaaa gttgaagata ccactatttc 540
cactggcctg gtcgggggta gttacgatgt tcttgtatct ggtgaagtcc cagaatgtga 600
agttgctcac a 611

<210> 2274
<211> 675
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (203)...(575)
<223> similar to gi5824904 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2274
tccgcgattc cgtctggata tgtggcggct gctgctagag ctggagcatt tgccgggttg 60
ggggctcctg cacattttta cagtcctcca gtccttctct ttcgtcagta taaaagatta 120
aactctacag aagaatgcaa tcaagtgatg gcttttcctt tagaatttga atatggaggc 180
tacaggaaca gatgaagttg acaagctaaa aaccaaattt atatctgctt ggaacaacat 240
gaaatatagt tgggtgttga aaacaaagac gtatttttagt agaaattctc ctgtattatt 300
gcttgaaaaa tgttaccatt ttaaatatga agatgaagat aaaacgttac ctgcagagtc 360
gggatgtaca atagaggatc acgtaattgc aggaaatgta gaagaatttc gtaaagattt 420
catttctaga atatggctga cctacaggga agaattccct caaatagaag gctcagcttt 480
gacaacagac tgtgggtggg gctgcacatt gagaactggc cagatgctct tggctcaagg 540
actcactact cactttcttg gtagagcttg gacctggcct gatgctttga atattgaaaa 600
ttcagactct gaatcatgga cttccacacac tgtcaaaaat atactggatc tttgagcatc 660
actttcaggg gaaga 675

<210> 2275
<211> 872
<212> DNA

0607-9031

$\langle 220 \rangle$

<221> misc feature

$\langle 222 \rangle \quad (83) \dots (439)$

<223> similar to gi4678741 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2275

tttcgtgtgg	tgtttctgga	gagcagatca	gaggcagggg	aaaaccacgc	agaagcagga	60
gctgaagacc	tcagaccggc	accaggggaca	gcttaatgaa	gacaaactga	aggggaaact	120
gagatcctta	gaaaaccagc	tatacacctg	taccagaaaa	tactcccctt	ggggaatgaa	180
aaaagtacta	ctggagatgg	aagaccagaa	aaccagctat	gagcagaagg	ccaaggagtc	240
actgcagaaa	gtgctggagg	agaaaatgaa	tgcagagcag	caactacaga	gcacacagcg	300
atccctggcc	ctggcagagc	agaagtgtga	agagtggagg	agccagtatg	aggctctgaa	360
ggaggactgg	aggacccttg	ggacccagca	caggggagctg	gagagccaac	tccacgtgct	420
tcagtccaaa	ctgcaggtac	caggcactgg	gggtggggag	ggaagacagg	gtatggggag	480
gagggatggt	gatgaaagaa	gctgttctgg	attagggact	ccaaaggcag	ctgacagcat	540
ctggctttta	gttccctcagt	caccactact	ttgtacccaa	ttcactgttt	tggtctctgaa	600
atctaatttt	gagtttagca	aggatgtctg	cattgctcat	gcaaataaac	taagcgttca	660
ttggaaatgac	accatcacca	cccaaatgaa	aagaactggc	tggaatatcc	atcagcctac	720
taatgtcatc	tcccaaccca	ctctccaaac	tccatcccaa	aaaagcatcc	agttcagaat	780
tgcccaactgt	tggcaaagaa	agaatgtcac	taattttattt	acaggggagca	gatagcaggg	840
acttacagat	gaaccaggcc	ctgcgatttt	tg			872

<210> 2276

<211> 522

<212> DNA

<213> Homo sapiens

<220>

<221> misc feature

$$\langle 222 \rangle \quad (522) \dots (423)$$

<223> similar to gi2852640 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2276

cggacgcgtg	gggcgcggag	cactgtttct	tttcagctct	cacagaacct	tcatcatccc	60
cagctgccgg	tcttggcatc	ttcgaagtaa	ggagaggtga	gaatcctgtt	gcatgggtcaa	120
gtctggcttt	attttcttct	gagtatttgg	gcttggaggg	taggggggtg	gggctgatgc	180
acattgtatt	ttttttccca	tgtatcccca	aagtctaaac	gaatcatatt	tttttgtagc	240
ttcttctgat	aaagtaacat	atgctcaaag	tctgtagaaa	cttacttaaa	gtttctaaag	300
tggtaagagt	tggaggtggg	agatccagac	tgtcaagttc	tgtcacaact	gctttatggg	360
catctcatga	gcacctactt	taggttcagg	atggttgaat	acaaccagaa	tagccatta	420
tcctgagaaa	tacacatctt	aagaaaactg	gaagaatcat	cttcctttgg	ctttaaacat	480
ttatctatct	atctatctat	ctatctatct	atctatctaa	ct		522

<210> 2277
 <211> 683
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(684)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (13)...(683)
 <223> similar to gi53135 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2277
 cggacgcgtg ggtgcggaca ggccttcac cagaagaccc atttgattgc acaccgaaga 60
 attcatactg gagaaaaacc atatgagtgc agtaactgtg gcaaatcctt catttccaag 120
 tcacaacttc aggtacatca acgtgttcac acaagagtga agccctatat atgtaccgaa 180
 tatgggaagg tcttcagcaa taattccaac ctcatcacac ataagaaagt tcaaagtaga 240
 gagaaatcct ccatatgtac tgagtgtggg aaggccttta cctacagggtc agagttgatt 300
 attcatcaga gaattcacac tggagagaaa ccttatgaat gcagtgactg tgggagagcc 360
 ttcactcaga agtcagcact cacagtgcac cagagaattc atacaggaga aaaatcgtat 420
 atatgcatga aatgtggact ggccttcac cggaaggcac acttgattac acatcaaata 480
 attcatactg gagagaaacc ttataaatgt ggtcactgtg ggaaattggt tacttccaag 540
 tcacaactcc atgttcataa acgaattcac acaggagaaa agccctatgt atgcaataaa 600
 tgtgggaagg cattcaccaa ccggtcaaat ctcatcacac atcagaaanc tcatacagga 660
 ggagaaaatc ttgtatatgt tcc 683

<210> 2278
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (116)...(554)
 <223> similar to gi603857 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2278
 cccacgcgtc cgtctaggtc tgagacacag tctcagtctg agacatggga ctgtgtctag 60


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<400> 2280
tttttttttt ttaagcttga aataaaatth ttatttttgtt ttgaattaaa tcaaccatga      60
ttattcacag tgcagtaagt gtgtatcatc tgtttgatat tttcatatta cagttttgat      120
agtgtctctc agtctgcgaa atcttctttg ggtggaaatg atgaactgtc agctactttc      180
ttagaaatga aaggacatth ctatatgtat gctggttctc tgctcttgaa gatgggtcag      240
catggtaata atgttcaatg gcgagctctt tctgagctgg ctgctgttgat ctatctcata      300
gcatttcagg taagtcttcc acttgagca attgacatth cacggagtct tgatgtgttt      360
taaatagaag tgtgctctgg tatgtaatga caatatgtga acaaacctgt ggaattaaag      420
ttaaaatgaa atagtcaatt tgatacagtg gaaaataact aagcatacac aatactggtg      480
aggctggtga aacagggatg ttgaatgcac tcttgctgaa agcctgcatt gccatgattt      540
gtttgtagac aaatttgaag agtttgatct ttttactctg ccatttttgg gaacatgata      600
aagatgtaat ctctgtattat gggtaaagct tgattcaaaa agatgtgtta cttggacaaa      660
atcctaataa gtagacgtag ggcaatggct ttatagccta tgatagaaga atatgattgc      720
aatttaacat gtttaattgaa acacatgtat ataacatth tgaactgtatt gtgtatatgt      780
aacagtatat ctattaatct ttgaaaacat aaaaccttht cttattttttt atttttttat      840
ttttttttga gaccaagtct ctctctgtcg ccaggctgga gtgcagtggg gtgatctcgg      900
ctcactgcag cctccacctc ctgggttcga gtgattctcc tgcctcagcc tcccagtag      960
ctgggactac aggcccatgc taccaagccc agctaattth ttgtatttht aatagagatg     1020
gggtttcacc atgttggtcca ggatgggtcg aatctcttga cctcttgatc tacctgcctt     1080
ggtctcccaa                                     1090

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<210> 2281
<211> 404
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (170)...(406)
<223> similar to gil947073 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

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<400> 2281
aaatgagcca tcattgtcat cgaaaaggaa aatgtgtgaa atggccacca gtggtgacag      60
acaaagagac tcagaagtta atttcaagga actgagaaca gcaaaaatga aacctgaact      120
actgagtgga cacatcccc caggccacat tcctaaacct atcgtgatgc ccgactatgt      180
ggcaaaatac cctgtgattc agacagatga tgagcgagaa cgctataaag ctgtgttcca      240
agaccagttt tcagagtaca aagagctgtc tgcagaagtt caggctgtcc tgaggaagtt      300
tgatgagctg gatgcagtga tgagcagatt gccacatcat tcggaaagcc gacaggaaca      360
tgagagaatt tcaagaatcc atgaagagtt taagaaaaaa aaaa                          404

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<210> 2282

<211> 394
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(389)
 <223> similar to gi3924672 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2282
 acaatgtgta acctctgcc a ggcagtttc cgtacattcc aggctttaaa aaaacacttg 60
 gaagcaggcc accctgaact gagtgaagct gaacttcaac agctatatgc ctccctgccc 120
 gtgaatggag aactgtgggc agagagcgaa actatgtccc aggatgacca tggcctagag 180
 caggaaatgg agagagagta tgaggtggac cacgaaggga aagcaagtcc tgtaggaagt 240
 gatagtagct gtattccaga tgacatgggc tctgaaccaa agcggacctt accttttaga 300
 aaagggccca attttacgat ggaaaaattc cttgatccat ctctgccata taaatgtaca 360
 gtgtgtaaag agtcattcac ccaaaaaaaaa aaaa 394

<210> 2283
 <211> 463
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (5)...(153)
 <223> similar to gi2149156 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2283
 aaggggaaaa aaatcgggtga ccacggtggc tggcccatg gccaggacg tggagagcct 60
 ggcgtgtgc ctgcaagccc tgctgagtga agacatgtac cgactggacc ccactgtgct 120
 ccagatgccc tttagggagg aggtgaagac cccctttccc acccaggct gcagtgagtg 180
 agaagccac atgctcagtc cagtttgttt ccttcccctg ctggacacca gctgcttttg 240
 cttcttggt atctggagcc atagcttgta agtgcccca aagaggcct ccagtgccat 300
 ataccaacc catgcagtta gaatactcag caagtgtggt tgagaggggtg tggcatccag 360
 ttaagctggg tttttaacct tctaggtaac cctggccaag tcacatctct tctttcagcc 420
 ttagcctccc catcaataca ataaagaggt taggctggga gat 463

<210> 2284
 <211> 415
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (261)...(418)

<223> similar to gi1877215 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2284

aactggaaga	gagcttttctt	tcttattcag	ccatctctttt	ttatagatga	ggaaattgag	60
gaccaagata	ttaaattatt	tgtcctttgt	taacctaat	ttttaaaaga	tgatcaatta	120
tctgttaggc	ctgtggtatg	caggaatcta	cctattttat	ttggctgtgg	tgcttatgg	180
cagttaggtc	agtgattgca	aatgggcttg	tgggtgtctac	tcttagagta	gactggataa	240
actcttctgt	ttgtcaacta	cagcctggca	gtgagctgga	caacttggag	gagattttgg	300
atgatttgca	gaatagtcaa	ttaccacagc	ttttcccaga	cacgaggcca	ggcgcccctg	360
ctggatcagt	tgacaagcaa	gccatcatca	atgacctcat	gcaactcaca	gctga	415

<210> 2285

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (116)...(322)

<223> similar to gi3342752 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2285

gtcagattgg	ttgtggagaa	tgggctgtgt	ctctgagctg	tttaaaggca	agtcagaggc	60
gtagttgtta	atgaaatttg	ctctaagtta	acctgtcttc	ttcttttgac	cctccagaag	120
gaattacgga	gatatagaat	tgtgtttcca	gctgctccga	gcctttactg	gtcgttttct	180
ctgcaacatg	acattcttaa	aagagtatat	ggaggaagag	attcccaaaa	attacagcat	240
cgctcagaaa	cgtgccctgt	tctttcgctt	tgtagacttc	aacgacccca	acttcggaga	300
tgaattaaaa	gctaaagtga	gtcccactct	tatgctgtag	aagggtatgg	gtatttggtc	360
tggttttcta	gggaactttg	ggcccttttc	tttttttgct	gtgtcactct	tgaataaata	420
gtagagttag	ccaggtgctg	tggcatgtgc	ctgtaatccc	aggtaatcag	gaggccacag	480
cgggaggatt	gcttgagctc	aggagttgga	ggctgcaccg	agctataatc	acaccactgc	540
atcccagcat	gggtgacaca	atgagactct	gtctcaag			578

<210> 2286

<211> 680

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (68)...(682)

<223> similar to gi310183 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2286

gcaacaccca	tcccaggaaa	agccacaagt	cctgaccccc	agccccagga	agcagaagct	60
gaacagaaa	tacagggtccc	accatgacca	gatgatctgc	aagtgcctct	ccctgagcat	120
atcctactcc	gctaccattg	gcggcctgac	caccatcatc	ggcacctcca	ccagcctcat	180
cttcctggaa	cacttcaaca	accagtatcc	agcctcagag	gtggtgaaact	ttggcacctg	240
gttcctcttc	agcttcccca	tatccctcat	catgctgggtg	gtcagctggt	tctggatgca	300
ctggctgttc	ctgggctgca	attttaaaga	gacctgctct	ctgagcaaga	agaagaagac	360
caaaagggaa	cagttgtcag	agaagaggat	ccaagaagaa	tatgaaaaac	tgggagacat	420
tagctacca	gaaatgggtga	ctggattttt	cttcacctcg	atgaccgtac	tgtgggtttac	480
ccgggagcct	ggctttgtcc	ctggctggga	ttctttcttt	gaaaagaaaag	gctaccgtac	540
tgatgccaca	gtctctgtct	tccttggtct	cctcctcttc	ctcattccag	cgaagaagcc	600
ctgctttggg	aaaaagaatg	atggagagaa	ccaggagcac	tcactgggga	ccgagcccat	660
catcacgtgg	aaggacttcc					680

<210> 2287

<211> 368

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(99)

<223> similar to gi2662163 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2287

atgcacacag	gcgagcggcc	gtacacctgc	accgtgtgca	gcaaggctct	gaccaccaag	60
cactcactgc	tggagcacat	gagcctgcac	tcaggtagtg	gggcttgccc	agagggccag	120
cttcaccaga	ttccatttcc	ccagggtggg	cattaccaac	acctaaatgg	tgttttctca	180
gcctagtatc	atttccaacg	tggtgtcatt	gaaagacagg	atthttgcatc	tgtctgagtg	240
cagtttagag	ttctgcacgg	atcattaaac	tagagcttat	aaactggctg	ctgggagttt	300
agtgtgcaag	catgttttat	taaaccacca	aagtttagaa	ttgttttact	ttgaacgccc	360
tcgtgccg						368

<210> 2288

<211> 594
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(596)
 <223> similar to gi4884492 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2288
 aaagatgcat gttctgccac taattggtgg aaaagtagaa gaattgaaaa agcaccaaca 60
 ctgttttagca ttttagctcct ctggacccca aagccagact tactacattt gctttgatac 120
 tttcacagaa tacttaaggt ggctgcgaca agtctccaag gttgcatccc agcgcattag 180
 ctcagtggac ctctcgtgtt gtagcctgga acatctgcct gccaacctct tctacagcca 240
 agacctcact catctcaatt taaaacaaaa cttcctaagg cagaacccta gccttccagc 300
 tgccaggggg cttaatgaac tgcaaagggt caccaagttg aagagtctta acctttccaa 360
 taatcattta tgggacttcc cactggcagg ctgcagtatt ccaaccctgg cagagctgaa 420
 cgagtgtctgc aatgccctgc gaacaatccc ggcatgcggt ggagagatgc acaacttaca 480
 gacattttta gcggacggaa actttctcca aacccttgct gctgaggtgg agaacatgaa 540
 gcagcttatt tatctgggccc tttcttttcta tgaaattact gacattcccg aagt 594

<210> 2289
 <211> 590
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (122)...(325)
 <223> similar to gil545952 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2289
 tcaaactggt aggttttagc agttaaatca ggatgtatag aacagtttac tccatgtcga 60
 ttaatgctag tgcttttggt caatgcacag gctctgtgac tgatgatgtg ttttttttgc 120
 agacaccagt tggcgctccg aggcaacctt tcagttcact gtggagcgct tcagcagact 180
 gagtgagtcg gtccttagcc ctccgtgttt tgtgcgaaat ctgccatgga agattatggt 240
 gatgccacgc ttttatccag acagaccaca ccaaaaaagc gtaggattct ttctccagtg 300
 caatgctgaa tctgattcca cgtaagacag tttaaatgat gcaactacaa acccccacat 360
 cgttgtatatt cattactgga agccaaatatt gatcagccta gtgcaatttt atcttaagtt 420
 atttgctgcc tctacatagc cttttgattt taaattagat taaatacgtg tttctcttta 480
 aaaccactg gtatatgtat aatatccaag ctagaaaagt atatttttat cttgtaagtg 540
 aaaaaactaa aaatagtttg ttagaatctc cagcatcccc cctcaaacct 590

<210> 2290
 <211> 1234
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (6)...(1006)
 <223> similar to gil750403 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2290
 tattttgttag gcatcagttc aaaatagctt tcttcagtga gttgaaacaa gatacacaaa 60
 atgcgctgaa gaattatagg accgcctata atcttgtaca cgaattgaga gcccatgaaa 120
 ctaatattct ggaaattaag actatggcag gatttataaa ctacaagatc tgtaggctgt 180
 gttttcaaca caacacccca ttggatgcaa ttgctcagtt ccgaaaacac atcgacttgt 240
 gtaagaaaaa gattggaagt gcggagctgt cttttgagca tgatgcatgg atgtctaaac 300
 aattccaggc ctttgagatg ttatttgatg aagctattaa gttaggggta acagctattc 360
 aaactcagaa tcctgggtttc tattaccagc aggcagcata ctatgcccag gagcggaaac 420
 agcttgcaaa aaccctctgt aaccacgaag cttctgtaat gtatcccaat cctgatccct 480
 tagaaacaca aacaggcggt cttgactttt atggacaaag atcatggcga caaggaatac 540
 taagttttga tctttctgat cctgaaaaag aaaagggtggg aattcttgcc attcagctga 600
 aggagagaaa tggtgttcac tctgagataa tcataactct tctgagcaat gctgttgac 660
 agttcaagaa gtataagtgc ccgcgaatga aaagtcacct aatgggttcag atgggagagg 720
 aatattatta cgcaaaggat tataccaaag ctttgaagtt gctggattat gtgatgtgtg 780
 attatcggag tgaaggatgg tggactctgc tcacttctgt attactaca gctctgaagt 840
 gctcctacct catggcccaa ttaaaggatt acattactta ctccctagaa ctccctggta 900
 gagcttcaac tctgaaagat gaccagaagt ctcggataga aaagaacctc ataaatgttt 960
 taatgaatga aagtcctgat ccagaacccg actgtgatat cttagctgtg aaaactgctc 1020
 agaagctgtg ggcagaccga atttctctgg ctggcagcaa tattttcaca ataggagtac 1080
 aggactttgt gccatttgtg cagtgc aaag ccaagtttca tgccccaagt tttcatgttg 1140
 atgttcctgt tcagtttgat atttatctga aggctgattg tccacatccc attaggtttt 1200
 ccaagctctg tgtcagcttt aataatcagg aata 1234

<210> 2291
 <211> 491
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (94)...(486)
 <223> similar to gi207621 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<220>
 <221> misc_feature
 <222> (1)...(405)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (404)...(247)
 <223> similar to gi4240243 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2293
 aatacacccc tctgaaagtt aattaagaat gaannnnnnnn nnnnnnnnnnn nnnnnnnnnnn 60
 nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 120
 nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 180
 nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnntagataa 240
 atgtttgtag ctaaaacaca cgaaatatca cgaacagtct ttttaaagat aaaacatgta 300
 atcaccataa caactggaag caataatgtc tttgtgtatc tcagtggagt cgctttttcc 360
 atgaagtcaa attcggggagc acaggtgtat attaaagtat caan 404

<210> 2294
 <211> 526
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(527)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (92)...(285)
 <223> similar to gi500832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2294
 cggctcgtcc nnatttgaac cccttctttg atcggcctgc agtaccgggc cggaattacc 60
 cggtcgagcc acgcgttcgc tcacgcgtcc ggccaaccag aaggggttgc acggggaccg 120
 cctgtactac gacggctgtg ccatgatcgc catgaacgga agcgtctttg ctcaaggatc 180
 ccagttttct ctggatgacg tggaaagtcc gacggccacg ctggatctgg aggacgtccg 240
 gagctacagg gcgagatatt catctcgaaa cctggcgggtg agtgctccag tagacacctg 300
 tgtgggatgc tcatcaaaga cgtggaaagt ggccccattc gtgcgggcct ggtggaggcc 360
 gtgaggggtgc agtgccctgaa aagtctgaca gggaagttcc ggacttcccg agcgtggaaa 420
 ggggctggtg ccgcagacag aacctgcttc catctgttcc ccgtcatcct ctgcttgggc 480
 caggccctga gctgggggtga gctgggggaca ggcaggcagg tgtatt 526

0946236 is 0161000

<400>	2295						
gtggct	gataatgtga	tttttgagag	actttcaaaa	gactcaaaat	atatggagga		60
ctatgc	catctggaat	actttgctac	ggaaggcttg	cggactctct	gtgtggctta		120
gatctc	tctgagaatg	agtatgagga	gtggctgaaa	gtctatcagg	aagccagcac		180
ctgaag	gacagagctc	aacggttgga	agagtgttac	gagatcattg	agaagaattt		240
ctactt	ggagccacag	ccatagaaga	tcgccttcaa	gcaggagttc	cagaaaccat		300
acactg	ttgaaggcag	aaattaaaaat	atgggtgttg	acaggagaca	aacaagaaac		360
attaat	ataggggtatt	cctgccgatt	ggtatcgcag	aatatggccc	ttatcctatt		420
ga							426

```
<220>
<221> misc_feature
<222> (179)...(357)
<223> similar to gil80251 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1356

<210> 2297
 <211> 459
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (93)...(456)
 <223> similar to gi5813801 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2297
 tttcgtccga aaggtctggt cgcagagaca ggaacgtgta atcctcagcg tgctccagcc 60
 cacagcttcg ctctactgct cggcagggca gctggcctct gggcaccggc ggccccctctg 120
 cctcgcgga aagcctgatg aagtcctccg atattgatca ggatttattc acagacagtt 180
 actgcaaggt gtgcagtgc cagctgatct ccgaatcgca gcgtgtggcc cactacgaga 240
 gtcgaaaaca tgcaagcaaa gtccgactgt attacatgct tcaccccagg gatggagggt 300
 gtccctgccaa gaggctccgg tcagaaaatg gaagtgatgc cgacatggtg gataagaaca 360
 agtgctgcac actctgcaac atgtcattca cttcagcggg ggtggccgat tcccattatc 420
 aaggcaaaat ccacgccaag aggttaaaac tcttgctag 459

<210> 2298
 <211> 406
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (8)...(408)
 <223> similar to gi2914017 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2298
 tttcgtgtca gccgaggcca ttctcaaacg agagtccggg gctgctgagc aggtggataa 60
 caagggccgg aatttccttc atgtggcagt tcagaactct gatattgaaa gtgtgctgtt 120
 cctgatcagt gtccacgcta atgtgaattc aagagtccag gatgcctcca agttgacccc 180
 cctgcacctc gctgtccaag caggctcaga aattattgtc cgcaatttgc ttcttgccgg 240
 agccaaagtg aacgaattaa ctaagcatcg ccagactgcc ctccatcttg ctgccagca 300
 ggacctgccc accatctgct cagtcctcct agagaatggc gtggactttg ctgccgtgga 360
 tgagaatgga aacaatgctc ttcatcttgc tgtcatgcac ggccgg 406

<210> 2299
 <211> 417
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (26)...(413)
 <223> similar to gi746490 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2299
 gagtaccgt cgggaattcc cgggacgagc accaaccggc ttcctcaaac tcttggtga 60
 taagaacagc gaactgttta ggaaatacgc cctgttttct ccctcagacc accgagtgcc 120
 tagaatttat gtgcctctca aggactgtcc ccaggacttt gtggcacggc cttaaagatta 180
 tgccaacaca ctgttcatct gccgcattgt ggactggaag gaggactgca attttgcct 240
 ggggcagctg gctaagagtc ttgggcaggc tggtgaaatt gagcctgaaa cagaaggaat 300
 actaacagag tatggcgtgg atttctctga tttctcttca gaagttctag aatgtcttcc 360
 tcaaggcctg ccatggacaa ttccaccaga ggagttcagc aagagaaggg ttgtatt 417

<210> 2300
 <211> 441
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (148)...(433)
 <223> similar to gi5689559 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2300
 tttcgtctta ggaagtgagt gtgcgcgcgc gcttgtgggg agatgaggca gctgctgcgc 60
 ccgattgacc gccagcgata cgacgagaac gaggacttgt cggacgtgga ggagatcgtc 120
 agcgtccgcg gcttcagcct ggaggagaag cttcgcagcc agctgtacca gggggacttc 180
 gtgcacgcca tggagggcaa agatttcaac tatgagtacg tacagagaga agctctcagg 240
 gttcccctga tatttcgaga aaaggatgga ctgggaatta agatgcctga ccctgatttc 300
 acagtccgag acgtcaaact cctagtgggg agccggcggc ttgtggacgt gatggatgtg 360
 aacaccaga agggcacgga gatgagcatg tcccagtttg tgcgttacta cgagacgccc 420
 gaggccacgc gggacaagct g 441

<210> 2301
 <211> 1768

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(975)
<223> similar to gi3327214 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2301

tttcgtcgca	ggccacgaga	agctgccggt	gcacgtagaa	gacgccctca	cctatctgga	60
ccaggtgaag	atccgccttg	gcagcgaccc	tgccacctac	aacggcttcc	tgagatcat	120
gaaggagttc	aaaagccaga	gcatcgatac	tcctggagtc	atcagacgtg	tctcgagct	180
cttcacgag	caccctgacc	tcattgttgg	attcaacgct	tttcttcccc	tcggatatag	240
aatagacatt	cccaagaatg	gcaagttaaa	catacagtcg	cctctgacaa	gccaggagaa	300
ttcgacacac	cacggggacg	gtgcagagga	cttcaagcag	caggtgccgt	ataaagagga	360
caaaccccag	gtgcccctgg	agtccgattc	cgtggaattc	aacaacgcca	tcagctatgt	420
gaataagatt	aaaacccgct	tcctagacca	cccagaaatc	tacaggatcat	tcctggagat	480
cctgcacacg	taccagaagg	agcagctgaa	cacgaggggc	cgccatttcc	gaggcatgtc	540
tgaagaggag	gtgttcaccg	aggtggccaa	cctcttccgg	ggccaggagg	acctgctctt	600
agagtttgga	cagttcctgc	ccgaagccaa	gcggtctctg	tttacaggaa	acgggccgtg	660
cgagatgcac	agcgtgcaga	agaacgagca	cgacaagacc	ccggagcaca	gcaggaaagcg	720
ctcccggcc	tcgctcctcc	gccccgtgtc	tgaccccgcc	aagaaaaaaaa	tgaaacttcg	780
tggtaccaa	gacctgtcca	tcgctgcagt	ggggaagtac	gggactctgc	aggaattttc	840
tttctttgac	aaggtccgcc	gggtgctgaa	gagccaggag	gtgtatgaaa	acttcctccg	900
ctgcatcgca	ctcttcaacc	aggagctggt	gtctggctct	gagctcctgc	agctcgtcag	960
cccatttctg	gggtgagcag	ctgacttccc	agggctccct	aggggggttc	tgttcctgtc	1020
aactccatct	acttggtttt	tagttactgt	ttttgagcaa	tgattgtgct	tttctaaaaat	1080
cctgtttatt	aattgacgtg	attgatataa	ttattgattc	ccatgcattt	gtaaggagca	1140
atacaccacc	tgggtaccct	ccagctgggt	cctttaccag	taacatctgt	agtcagtatc	1200
ctcaccagaa	tacagtgggt	cctcgagtaa	tgccctttca	tttaacactg	ttttaacacc	1260
gatgagaaaa	gaagacattc	atttctgggtc	tgagtggagt	ttgcacgttc	tccccatgtc	1320
tgctgtgatt	ttctcccaca	tcccaaagat	gtgcatgtta	ggttaagtct	aggttaagcg	1380
gtgagtctcc	gtggtcccag	cctgagttag	tgtggcgggg	tgagcgccct	gcagtggggg	1440
ggcgtcctgt	ccagggtggg	tgccccactg	gtgctctgag	ctgctgggat	aggttccggc	1500
cacccaagat	cctgaactgg	aataattggg	taaattgtta	ttttacttgt	ttttactcat	1560
ctttcttata	tgtatgtgtg	gcttgcatth	atttcagtgt	ttaatatagg	aagtgttttg	1620
gtctctcttt	agaaatttgg	tgattgtttt	gtgacaaaaa	atacgccgta	ggaacgtcat	1680
tcttgtttat	gtgtcaatta	gcttgtggca	aaattggttt	tgttacacat	cttttcaact	1740
taaagacaca	gcttttcta	acaaaaat				1768

<210> 2302
<211> 459
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(461)
<223> similar to gil842427 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2302
gtctacgcca agcttggcac gaggcagaag gggcaccacg gtgcagctgg agtgtcgggt      60
gaagcacgac ccctccctga aactcaccgt ctccctggctg aaggatgacg agccgctcta      120
tattgaaaac aggatgaaga aggaagacga ctccctgacc atctttgggg tggcagagcg      180
ggaccagggc agttacacgt gtgtcgccag caccgagcta gaccaagacc tggccaaggc      240
ctacctcacc gtgctagctg atcaggccac tccaactaac cgtttggctg ccctgcccac      300
aggacggcca gaccggcccc gggacctgga gctgaccgac ctggccgaga ggagcgtgcg      360
gctgacctgg atccccgggg atgctaacaa cagccccatc acagactacg tcgtccagtt      420
tgaagaagac cagttccaac ctgggggtctg gcatgacca      459

```

```

<210> 2303
<211> 706
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (8)...(696)
<223> similar to gil389756 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2303
acctcatatt attggagcag aagatgatga ttttgggtact gaacatgaac agatcaatgg      60
acagtgcagc tgtttccaga gcattgaatt gctaaaatct cgcccggctc atttggctgt      120
tttcttacgc catgtagttt cacaatttga ccctgcgact ttgctttggt atctctattc      180
agacctgtat aaacatacca attccaaaga aactcgtcgc atcttccttg agtttcatca      240
gttctttcta gatcgatcag cacacctgaa agtttctggt cctgatgaaa tgtctgcaga      300
tctagaaaag agaagacctg agctcattcc tgaggatctg catcgccact atatccaaac      360
tatgcaagaa agagtccatc cagaagtcca aaggcactta gaagattttc ggcagaaacg      420
tagtatggga ctgaccttgg ctgaaagcga gctgactaaa cttgatgcag agcgagacaa      480
ggaccgattg actttggaga aggagcggac atgtgcagaa cagattgttg ccaaaattga      540
agaagtattg atgactgctc aggctgtaga ggaagataag agctccacca tgcagtatgt      600
tattctcatg tatatgaagc atttgggagt aaaaagtgaag gagcctcgaa atttggagca      660
caaacggggt cggattggat ttcttcccaa aatcaagcaa agtatg      706

```

```

<210> 2304
<211> 466
<212> DNA
<213> Homo sapiens

<220>

```

<221> misc_feature
 <222> (2)...(462)
 <223> similar to gi3047242 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2304
 tccatgggga gtgattgaaa acagaaatga tcttggtggg agagatgtgg ttgctcctta 60
 tcaaacctta ttgaaccccc tgagcaaatt gaatgttttg aataatctgc attcccattt 120
 catattggtg gatgatggca ctggttgaaa gtatggggcg gaagtcagac tgagaagaga 180
 acttgaaaaa actattaatc agcaaagaat tcatgctagg attggccagg gtgtccctgt 240
 ggtggcactt atattttgagg gtggggccaaa tgttatcctc acagttcttg aataccttca 300
 ggaaagcccc cctgttccag tagttgtgtg tgaaggaaca ggcagagctg cagatctgct 360
 agcgtatatt cataaacaaa cagaagaagg agggaaatctt cctgatgcag cagagcccga 420
 tattatttcc actatcaaaa aaacatttaa ctttggccag tgtatt 466

<210> 2305
 <211> 708
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (33)...(711)
 <223> similar to gi3874946 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2305
 ttctgatgt aaatgatgcc attgtgtaac tattcaatga ttatgatgtt aaggcaacct 60
 cccatcattt agtgggtgtg catctagatc tacgcatatg tgatgcattt catgctaaag 120
 aaaaagagtc aagctcacgt acaagtggag gggcaatgca actctctttt gcacagctaa 180
 ctatagatta ttatccgtat cataaagcag gagatagttg taatcattgg atgtatttta 240
 gtgatgcaac caaaacaaaa aatggatggg ccaatgagtt attgcatgaa tttgagtgca 300
 acgttgaaat gcttaaacag gctgtgaagg atcataatgt aggttcacct cctaaatccc 360
 caacacatgc ctctccccag cacacacaaa cagagaagga ctaccctctg aaagggacat 420
 gcagaacacc ttcagtatta tctcaacaat caaaagctaa gctaattgtc agttctgttg 480
 tggttagact tgcagatttc aatatatacc aggtctctac agcggaacaa tgtcgttctt 540
 cccccaaaag catgatttgc tgcaataaaa aatccctata tcttccacaa gaaatgtcag 600
 ctgtctatat agaattcaca gaatattact atccagatgg aaaggatttt ccaattccat 660
 ctcccaacct ctatagccag ctgaatgcac tacagtttac tgtggatg 708

<210> 2306
 <211> 439
 <212> DNA

00000000000000000000

```
<223> similar to gi4512334 in the genepept database release 114,  
Run with FASTXY 3.3t00, default parameters
```

caagggaggg	gggttgatcc	cctggcacag	gtcgaggccc	tggaccacaca	tcccttgctc	60
gcctccccac	cccacagtgc	ccgttcacgc	acgatttcac	cctggccctc	cataggaaga	120
tcaagaatga	gcccggtgtg	tttcctgagg	ggccagaaat	cagcgaggag	ctcaaggacc	180
tgatcctgaa	gatgttagac	aagaatcccg	agacgagaat	tggggtgccca	gacatcaagt	240
tgacccttg	ggtgaccaag	aacggggagg	agccccttc	ttcggaggag	gagcactgca	300
gcgtggtgga	ggtgacagag	gaggagggtta	agaactcagt	caggctcatc	cccagctgga	360
ccacggtgat	cctggtgaag	tccatgctga	ggaagcgttc	ctttgggaac	ccgtttgagc	420
cccaagcacg	aatggcgaa					439

<223> similar to gi3645961 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

ttgcaaggat	gctccctcc	tgagtgcac	cgcactacc	tgaccgtggc	caggaaatgg	60
cctttctttg	gtgctaaact	ttttgctgct	cagcctgcc	agctgtcttc	caaggagaac	120
gctctggtgt	ggattgctgt	gaatgaggat	ggcgtcagca	tcctggacca	caacactatg	180
caagtgcaca	tcacttacc	ctactcttca	gtgacaacgt	ttggtggctg	cagggatgac	240
ttcatgcttg	tgattagatc	tatcccagac	aagagctctg	gaaaaagcca	cattgagaag	300
ttgatcttcc	ggatggctgc	tcccaagatt	gcagaagcca	ccttcacat	ggccagctat	360
atgaaccatt	gcactacaac	tgtgaacccc	cccaccatgt	att		403

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (36)...(539)
 <223> similar to gi3327146 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2308
 accatggctt gggctcagca tgggtcccca gccatcggcg ggtgaaccca cccacactgc 60
 gcattaagaa gctgaactgg cagaagctgc catccaacgt ggcacgtgag cacaactcta 120
 tgtgggcgtc cctgagcagc cccgacgccg aggctgtgga gcccgacttc tccagcatcg 180
 agcgactatt ctccctccct gcagccaagc ccaaggagcc caccatggtg gccccccggg 240
 ccaggaagga gcccaaggag atcactttcc tccatgccaa gaagagcctg aacctcaaca 300
 tcttcctgaa gcaatttaag tgctccaacg aggaggctgc tgctatgatc cgggctggag 360
 ataccaccaa gtttgatgtg gaggtttctca aacaactcct taagctcctt cccgagaagc 420
 acgagattga aaacctgcgg gcattcacag aggagcgagc caagctggcc agcgccgacc 480
 acttctacct cctcctgctg gccattccct gctaccagct gcgaatcgag tgcattgctgc 540
 tgtgtgaggg c 551

<210> 2309
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (39)...(562)
 <223> similar to gi3243075 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2309
 cccacgcgtc cggaataaag atagataaga cttccgatgg accaaaactt ttcttaacag 60
 aagaagatca aaagaaactt catgattttg aagagcagtg tgttgaaatg tatttcaatg 120
 aaaaagatga caaatattcat tctgggagtg aagagagaaat tcgtgtcact tttgaaagag 180
 tggacagat gtgcattcag attaaagaag ttggagatcg tgtcaactac ataaaaagat 240
 cattacaatc attagattct caaattggcc atttgcaaga tctttcagcc ctgacggtag 300
 atacattaaa aacactcact gccagaaaag cgtcggaagc tagcaaagtt cataatgaaa 360
 tcacacgaga actgagcatt tccaaacact tggctcaaaa ccttattgat gatggtcctg 420
 taagaccttc tgtatggaaa aagcatgggtg ttgtaaatac acttagctcc tctcttcctc 480
 aaggggatct tgaaagtaat aatccttttc attgtaatat ttaaatgaaa gatgacaaag 540
 atccccagtg taatatattt ggtcaagact tacctgcagt accccagaga aaagaattta 600
 attttccaga ggctgggttc tcttctgggtg ccttattccc aagtgtgtgt tcccctccag 660
 aactgcgaca gagactacat ggggtagaac tcttaaaaat atttaataaa aaacaaaaaa 720
 aaagggcggc 730

<210> 2310
 <211> 411
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (30)...(321)
 <223> similar to gi3924708 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2310
 cggacgcgtg ggtcgaatgc taacagccac agtacatagc acctttaatg gcaaatttcg 60
 atcccagtggt atccagaaat tcaactgtca gatattttga taatggcaca gcacttggtg 120
 tccagtggtg ccatgtacat ctccaggata attataacct gggaagcttc acattccagg 180
 caaccctgct catggatgga cgaatcatct ttggatacaa agaaattcct gtcttggtca 240
 cacagataag ttcaaccaat catccagtgga aagtcggact gtccgatgca ttgtgcgttg 300
 tccacaggat ccaacaaatt cccagtagct agaagaaggg cagtcgcaat gaggtagcct 360
 ctgtgggggt aaattttaaag gagattgggc tatggcagct gtacctgaat t 411

<210> 2311
 <211> 395
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (286)...(396)
 <223> similar to gi4206390 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2311
 agctgttccc cccggccagc gcagcagggc agccggaccc cagaccacaa gtgagtgtcc 60
 atgtcttaaa caaacccccg cctcaggctc tgacactgcc accttccaat cctgcccccc 120
 ttacaccttg ccaaggccct cgatcattgg ccttagtcaa actgcaggctc ttctctttgt 180
 gtccctgagt caggcagggg gacctggaga ccctaaggcc caagtggggt gaggtaggagc 240
 ctggcgccct ggccctcaag ctgacgcctg tgtgacgggc tctttcccca gcaggatcct 300
 gcagcccccg ctccgtgtga ggagaccag ctctccttgc tgccacttca ggggtgcggc 360
 ctgatggagg ggaagacgat ggaggcgaag accac 395

<210> 2312
 <211> 496

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (148)...(233)
 <223> similar to gi258001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2312
 agatttttgt ttgttttaaac aaactttattc cttattttctg gttttttaaaa acaattgttt 60
 ctttaactta agacacttca tcctgaattt tttaaaggca gcctattaac acatcccttt 120
 aacttactta ttctttgtat tctctaagga agcactacag ttcgtaagga gatcatcagg 180
 aataagatca gagccattgg gaagatggca cgggtctttt caattcttcg gtaaggatgt 240
 ctgtcattac agtgcggatt aaaggcattt tgagagtaaa ttagacgtcg aattcagaac 300
 agttttttta gaattggaat gtagtattga aactgcaggc ctttaggttg agtgcaaatt 360
 caatgaacat gtttaagcga ctaaaaatgt tccagcaaac attgatttgc tagtagctta 420
 aatgtagtga atgtagtggt ttagtggtgga ctttccaacc cgattgcctg tgttcaaatt 480
 ctggctctac ctcttc 496

<210> 2313
 <211> 466
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (6)...(454)
 <223> similar to gi3061320 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2313
 attgctgccg ctggatcgac tgctttgcct tgtacgacca gcaggaggag ctctgtgcggc 60
 acatcgagaa ggtccacatc gaccagcgca aaggggagga cttcacttgc ttctgggccc 120
 gttgccctcg aagatacaag cccttcaacg cccgctataa actgctgac caccatgagag 180
 tccactctgg ggagaagccc aacaagtgtc cgtttggaagg ttgcgagaag gccttttcaa 240
 ggcttgaaaa tctcaagatc cacttgcgga gccacacagg cgagaagccg tatttgtgcc 300
 agcatccggg ttgtcagaag gccttcagta actccagtga ccgcgcaaaa caccagcgga 360
 cgcatctgga cactaaacct tatgcttgct aaattccagg atgtaccaa cgctacacag 420
 acccaagttc cctaagaaag catgtgaagg cacattcttc caaaga 466

<210> 2314
 <211> 505

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(505)
 <223> similar to gi2443214 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2314
 gtattgttca gcgggccatg ctgatggcga tggagccgat atgggagagt gattttcata 60
 cgctctcata tggcttccgg cctgagcgca gtgtccacca cgcgatccgc acggtgaaat 120
 tacagctcac agactgtggt gaaacccggg gacgctgggt gattgaaggc gacctgtcca 180
 gttacttcga caccgtacat catcgactgc tgatgaaggc tgtacgccgc aggatcagtg 240
 acgcacgttt catgactctg ctgtggaaaa ccatcaaggc gggacatatc gatgtcggtc 300
 tctttcgggc ggccagtga ggtgtgccac agggcggtgt tatatcgccg ctattatcga 360
 acatcatgct gaatgagttc gatcaatacc tgcagagcgc ctacctgagc gggaaaagcca 420
 gaaaagatcg gtggtactgg aataacagta tccaacgggg ccgaagtacg gcggtcagag 480
 aaaactggca gtggaaaccc gggcg 505

<210> 2315
 <211> 755
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(470)
 <223> similar to gi3522923 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2315
 gtgcctcatg ccatgggcac gcctaccgtc tgcaaagcgc catcaagcag gagctgcaca 60
 gccgggcctt cctggccatc acgcggtctg aggagctctg gccatggatg gcccacgtgc 120
 tgctgcccta cgtccacggg aaccagtcca gccagagct ggggccccca cggtgcggc 180
 aggtgcggct gcaggaagca ctctaccag accctcccgg ccccagggtc cacacgtgct 240
 cggccgcagg aggcctcagc accagcgatt acgacgttg ctgggagagt cctcacaatg 300
 gctcggggac gtgggcctat tcagcgccgg atctgctggg ggcattgtcc tggggctcct 360
 gtgccgtgta tgacagcggg ggctacgtgc aggagctggg cctgagcctg gaggagagcc 420
 gcgaccggct gcgcttcctg cagctgcaca actggctgga caacagggtg gagctccctc 480
 ccctgccctc tccgggggtg ccgcagtcac cagccaggag cccaccctca ctctccggc 540
 ccccgctggc ctaggcggct tccacagccc ctccagccag cctgcactgc gcggtccccg 600
 cagctcccgc cctgccaccc gctcctactg acccgacccc taagcgcacg agccgcgctg 660
 tgctcctgga gctcacgcga aacagcaaag ccgtggggct gcacgccgcc gtcacgggtg 720
 gcctcggccc gttaactcca aaccggtacg tgcac 755

```
<210> 2316
<211> 737
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (212)...(721)
<223> similar to gill109880 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	2316						
ggtcgaccca	cgcgtccggt	cttatggagc	atgggagggg	aaggcagtct	gatgaggaca		60
accaggaagt	cccagagtca	ccacagccca	cagacaaagg	ctttggggca	gtgatacagc		120
tcctaggggt	ggcagatgat	cttggtgaga	gccaaagccc	tgtcggggct	gaggtttggg		180
tgtgtgggtt	gacaggcacc	tgtgtcccca	ggatgtggag	ctggccgagc	acctcaacgc		240
cagcctggct	ttcttcctca	gagaccttct	gtccctgggtg	gaccggggct	ttgtcttcag		300
cctggtccgg	gcccaactaca	agcagggtggc	cacgcggctc	cagtcgtccc	ctaataccagc		360
agccctgctg	accctgcgca	tggaaattcac	ccgcatacctg	tgcagccacg	agcactacgt		420
gacctcaac	ctcccctgct	gccccctgtc	acctccagcc	tcgccctccc	cctctgtgtc		480
ctccaccacc	tcccagagct	ccaccttctc	cagccaagcc	ccggacccca	aggtgaccag		540
catgttcgaa	ctgagtgagc	cattccggca	gcagacttcc	ctagctgggc	tctgtctgac		600
ggagctggca	ctggccctcg	aacctgaggc	tgaaggggca	ttcctgttgc	acaagaaggc		660
catcagtgtc	gtgcacagcc	tgctatgtgg	ccatgacact	gacccccgct	acgccgaggc		720
cactgtgaag	gctcgtg						737

<400>	2317						
catgccaaaa	gacactggag	cggctttttag	gctccccaga	aggcttctcc	aaaactgacg		60
ggcacctggc	cgtggttcca	gggctgacag	cattaatctc	ttaccataac	tacctggaca		120
aaaccaaaca	gcgcgagatg	gtctactgcc	tggagcaggg	cctcatccac	cgctgtgcca		180
gccagtgcgt	cgtggccttg	tccatctgca	gcgtggagat	gcctgacatc	atcatcaagg		240
cgctgcctgt	tctggtggtg	aagctcacgc	acatctcagc	cacagccagc	atggccgtcc		300
cactgctgga	gttcctgtcc	agtgagtccc	cgccctgcct	gcgcatgcac	ccgagaggtt		360

cgggctgtgt	aacctgtgcg	ggctttctctg	gtgccctctc	tcaggactcc	ttggggaacc	420
tgggtgtctc	gccttctgct	gcctcagggc	ctgggcgtct	ctgcccggct	gccatgagtg	480
ctctccttcc	tggctttgag	gggcggctcc	tctcaccct	c		521

```

<210> 2318
<211> 963
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (768)...(927)
<223> similar to gil871540 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2318						
ggagcggctg	ccacggaaaa	cgccctggccg	gacggtggct	ggcggccctg	cctgggcgcg	60
gagggcggcg	gtggcgggcc	ccgcggcctt	ctctcagctt	cctttctcct	cacgacggcc	120
tccacagtcc	ggagcccggc	ggagcccgga	cctggcgggg	agagctgcct	ccacggccgg	180
gcacccagac	cccaccgtcg	cagtcgccac	cacctcagtc	catccttggg	accggcaatg	240
ggcttcgtat	cctccagtgc	acttgtaact	gacttggaca	cggaatacta	agaactcact	300
tctgtcctca	tcccagtcgc	gccggcgggtg	accatctcgg	ctcttttggg	cttaactgcc	360
gctcctctgg	actctgtctg	actttggggg	caccatggac	caaagtggga	tggagattcc	420
tgtgaccctc	atcattaaag	caccgaatca	gaaatacagt	gaccagacta	ttagctgctt	480
cttgaactgg	accgtgggga	aactaaaaac	gcattctatct	aacgtttacc	ctagcaaacc	540
agtaagtgtg	taaaagctgg	gggcagctgc	tctgaccagc	agcttttcgt	gccgtgtacc	600
ctcctttttc	ctgcttctcc	cctccagtct	tgaatcaa	aggtctcttt	tggtagaccg	660
cgaggtat	tgagttctga	ggttggtgtct	cctgagtggt	cgaacatca	ttaatatttt	720
cctgatgagg	ttcagttaat	tagtaagagg	aagcagaaat	atcaaggac	ttaagaattg	780
gcaggcaaag	accgggcgcg	gtggctcacg	cctgtaatcc	cagcactttg	ggaggccaag	840
gcgggcggat	cacgaggtca	ggagttcgag	accagcctta	ccggcatggt	gaaaccctgt	900
gtctactgaa	aatacaaaaa	ttaactgggc	gtggtggcgc	atgcttgtaa	tcccagctac	960
tcg						963

```

<210> 2319
<211> 1499
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (12)...(752)
<223> similar to gi2246532 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2319
cgaccaaact aaagaaggag caggagaatc tgttgaagca gcggtgggag ctagagaggc 60
tgagaggaaga gcgaaagcag atggaagcct tccggcagaa ggcagagctg gggcggttct 120
tgagacatca gtataacgct caactcagca gacgcacaca gcagatccaa gaggagctgg 180
aggcagacag gcggatcctg caggccctcc tcgagaagga ggacgagagc cagcgcctcc 240
acctggccag gcgggagcag gtcatggccg atgtggcctg gatgaagcag gccattgagg 300
agcagctgca gctggagcgg gcgcgggagg cagagctgca gatgctgctg agggaggagg 360
ccaaggagat gtgggaaaag agagaggcag agtgggcccg agagcgcagc gcacgggaca 420
gactgatgag cgaggttctg acaggggagac aacagcaaat acaagagaag attgagcaga 480
accgacgggc acaagaggaa tccctgaaac acaggggagca acttattcga aatcttgagg 540
aggtgagaga gttggctcgt cgcgagaaag aggagagtga aaagctgaaa tcggccagga 600
agcaggagct ggaagcccag gttgcagagc gccggctgca ggcattggga gcagaccagc 660
aggaggagga ggaagaggag gaggcccggc gggctcagca gctctcagat gccctgctgc 720
agcaggaggc ggagactatg gctgagcagg gctaccggcc taagccttac ggacatccaa 780
aaattgcttg gaactgactt catgggtacc ataagtacag agaacaaggg atgctgaggc 840
ttctgatccc agccgccagg cagttttaca gggctctgtt aacagtaagt gcccggggca 900
ctgtcagatg gctcagcagt gcctgctcag gttcatcatt gaaacatccc agtgtttggc 960
cagacattaa ggtgtcgtga gagtcccttt catgcctttc ttacccaagc aagggtcttt 1020
gatgggcacg tgtttacagc gctgctgcat tagtcttgta atatattaac agtcacatca 1080
actgaaggtc aatactaaga gccacagggt gtacctgtga tggggcggtg ggtttcctgt 1140
tgtctcacct ttaattgtca acctccagtg ttgactctag aaatatgagg aaagcttttc 1200
agttttttaa attgccattt aaatttagtc tattaataaac aaacctagag gtcttggtgc 1260
agttgatttc agagtttatt aatttagtggt tcccaaaagt attacatctt ttatattctg 1320
gaagaaaaga actgtgaaca aattagaacc ccggaacact ctgacgtcca tggacgcatt 1380
ccagaaaagt ggcaagagat gagtctttcc tcctccagga agcatttttg tagaatttcc 1440
atagagcatt gtctgtgagt gactgatccc aacatgtatg ttactaagcc ccaaaacga 1499

```

```

<210> 2320
<211> 442
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(443)
<223> similar to gil762 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2320
gatacgtact gcaggggaga ccagctgcac atcctgctgg aggtgaggga ccacttgagg 60
cgcaggaagc aatatggcgg ggatttcctg agggccagga tgtcttcccc agcgctgatg 120
gcaggtgctt caggaaagggt gactgacttc aacaacggca cctacctggg cagcttcact 180
ctgttctggg agggccagggt ctctctgtct ctgctgctca tccaccccag tgaaggggtg 240
tcagctctct ggagtgaag gaaccaaggc tatgacaggg tgatcttcac tggccagttt 300
gtcaatggca ctcccaagt ccactctgaa tgtggcctga tcctaaacac aaatgctgaa 360
ttgtgccagt acctggacaa cagagaccaa gaaagcttct actgggtgag gcctcaacac 420
atgcgctgtg ctgcactcac tc
442

```


<210> 2323
 <211> 823
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (42)...(700)
 <223> similar to gi2723362 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2323
 gacagaaaat tttgagattg aataattccc accaaccacc cactagtagc agcaactcca 60
 aggattgtgg aggtccggcc tccagtgggg ctggtgctac cgcagcctta gctgatggcc 120
 taaaatttgc ttctgttcag gcctctgctc cccaggggaa ttcacacaaa gagaccagca 180
 aatcaaaagt gaaaaggagt aaaacttcta aggatgctaa taaatctctg ccttctgctg 240
 ccttgtatgg gattcccgag atcagcagca ctggcaagag gcaggaagtc caagggcgcc 300
 ctggagaggc aactggcatg aattcagcgc tgggtcaaag tgtgagcagc ggcggcagcg 360
 gcaacccaaa cagcaatagt accagcacca gcacctctgc cgccaccgag ggggcaggct 420
 cctgtgggaa aagcaaagag gagaagccag gtaaaagcca gagcagccga ggcgccaagc 480
 gggataagga tgcgggggaaa tccaggaagg acaagcacga cctgcttcag ggccaccaga 540
 atggcagtgg cagccaggcc ccttccgggg ggcacctcta tggctttggg gccaaagagca 600
 atggaggtgg cgcgagcccc ttccactgag ggggcactgg gaggggcagc gtcgcccgtg 660
 caggggaagt tagcaaaagt gccccggatt cagggctcat gggaaaactct atgttggtta 720
 agaaggaaga ggaggaggag gagagccaca ggcgaaatcaa gaaactgaaa actgagaagg 780
 ttgacccctt gtttacagtg ccagcgccac caccgcatgt att 823

<210> 2324
 <211> 434
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (10)...(435)
 <223> similar to gi5103547 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2324
 tttcgttcca aacaggacat acgtgaacaa atttggggct acatggaatc acaaaattta 60
 gctgactttc cccgacctgt tcatcacagg atacccaact ttaaggggtc ttatctggct 120

tgccaaaaca	tcaaagacct	agacgttttt	gccagaacac	aggaagttaa	agtggaccct	180
gataaaccac	tggaaggcgt	tcggctgctg	gtgctgcaga	gcaaaaaaac	attgttggtt	240
ccaacaccac	gactgagaac	gggattgttt	aataagatca	caccaccccc	tggggcaact	300
aaagacatct	tgagaaaatg	tgccacctct	cagggtgtga	ggaactacag	tgtccccata	360
ggcttgga	ccagagtcct	cgtggattta	gttgtgggtg	gatccgtcgc	cgtttctgaa	420
aaaggctgga	gaat					434

<210> 2325
 <211> 639
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (21)...(630)
 <223> similar to gi5052558 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2325						
tttcgtggca	gtacgacacc	aggaacagca	ggatcgttct	catctgtgcc	aagcgggtccc	60
tgtgcgcggc	cttctcggtc	ctgccctatg	gggaaggcct	gcggatcagt	gacctgaggg	120
tggacagcca	gaagcagagg	caccgcgtccg	gcggcgtctc	tgtgtcttcc	gagatggtct	180
ttgagctaga	aggtgtggag	ctaggagcag	acgggaaggt	cgtgtcttat	gcgaagttcc	240
tgtatcccac	caacgccctg	gtcacacaca	agagtgcag	ccatggcctg	ctgcccacac	300
ctcggcccag	tgtcccccg	actctgccag	ggtcaagaca	taaacctgcc	cccaccaagt	360
cggcaccagc	cagcacagaa	ctagggagtg	acgtggggga	cacctggag	tacaaccca	420
acctcctgga	tgaccgcag	tggccctgcg	gcaagcacia	acgtgtcctc	atctttgcgt	480
cgtacatgac	cacagtgata	gaatacgtga	agccctcaga	cctcaaaaag	gacatgaacg	540
agaccttcag	ggagaagttc	ccccatgtca	aactgacgct	gagcaaaaatc	aggagcttaa	600
agcgggagat	gcggagcctg	tcggaggagt	gcagcctgg			639

<210> 2326
 <211> 1202
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (149)...(1186)
 <223> similar to gi915208 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2326


```

taaggccagc cagaacaagc ggatagatat catacataat ctgaagctgg atagaactta      60
tactggcctg cagactcctg gagcagagac ggtagtggat gttgaactcc atcgccattc    120
tctcggagaa gactgtatct atcctcagtc ctcggagtct gacatctctg atgcccctcc    180
atctttgcct ttgaccattc cagccccagt gaaagcttct tcaccaataa agcagtcaca    240
tgagccagta cccgatacct ctgtggagaa aggattccca gctagcactg aagctgaacg    300
acacactccg ttttatgctt tgccatcttc attggaaaga acacccacca aaatgactac    360
atcccagaaa gttacctttt gttcccatgg caattcagct ttccagccaa tagcatcaag    420
ctgcaaaaatt gttccacaaa gtcagggttcc taatcctgag tcacctggaa aatccttcca    480
gcccatcacc atgagctgca agattgtgtc aggttcccca atatcaactc caagcccatc    540
accattgcct cgaaccccga cttccactcc agtccacgtg aagcaaggca ctgccggctc    600
tgttattaat aatccttatg ttatcatgga caagcagccg gggcagggtga ttggagccac    660
cactcccagt acaggaagtc ctacaaacaa gatctccacg gcttctcaga tctcccaagg    720
aacaggttcc cctgttccta aaattcatgg aagtagtttt gtaacatcta ctgtcaagca    780
ggaggattct ttgtttgcat ctatgccacc tctttgcccc attgggagtc accctaaggt    840
tcaaagcccc aaacctataa caggaggact tggagctttc acaaaaagtga tcatcaaa    900
ggaacctggt gaagcccctc acgtgcccgcc aacaggagct gccagccagt caccactccc    960
gcagtatgtg actgtgaaag ggggtcacat gatagctgtg tccccctaaa aacagggtcat 1020
aactcctgga gaagggttgg cccagtcagc aaaggttcag cctccaaggg ttgtcgggggt 1080
accagttggg tctgctttac cttcaacagt gaagcaggct gtggcgatca gtggtggcca 1140
gatcctggta gccaaaggcca gctcttctgt ctccaaagca gttgggcca agcaagttgt 1200
at

```

```

<210> 2327
<211> 408
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(409)
<223> similar to gi5733824 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2327
tttcgtggcg gcggcggcat ggcggagccg agcggggccg agacgaggcc cccattcgg      60
gtcaccgtca agacccccaa ggacaaggag gaaattgtga tctgcgatcg agcctcggtc    120
aaggagttca aagaggaaat ctcccggagg ttaaggctc agcaggatca gctggctctg    180
atcttcgcag gcaagatcct caaggatggg gacacactga accagcacgg aatcaaggac    240
gggctcactg tccatctggt catcaagacc cctcagaagg ctcaagatcc agctgctgcc    300
actgcttctt cccctccac acctgaccct gcctcagcac cctccaccac gcctgcttca    360
cccgccccc ctgccagcc ctccacctct ggcagtgcct cttcagat      408

```

```

<210> 2328
<211> 830
<212> DNA
<213> Homo sapiens

```

```
<220>
<221> misc_feature
<222> (1)...(828)
<223> similar to gi487785 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	2328						
gttggcatgg	gtccttcac	acttaatatg	cacatcagag	atcacactgg	acgtgaacca		60
aatgaatatc	aggaatatgg	aaagaagtca	tatacacgta	accagtgtgg	acgagccttg		120
agttatcatc	gctcttttcc	agtacgtgaa	aggactcatc	ctggaggaaa	gccctatgat		180
tgtaaaggaag	tgggagaaac	ctttattttct	cttgtaagca	ttcgaagaca	catgtttaacg		240
cataggggag	gtgtcactta	caaatgtaag	gtgtgtggga	aagcctttga	ttatcccagt		300
ttatttcgta	tacatgaaag	aagtcacact	ggagagaaac	cttatgaatg	caagcaatgt		360
gggaaagcct	tcagttgttc	cagttacatt	agaatacatg	aaaggactca	cactggagat		420
aaaccctatg	aatgcaagca	gtgtgggaaa	gctttcagtt	gttccaagta	cattcgaatc		480
catgaacgaa	ctcacacagg	agagaaaccc	tacgaatgta	aacagtgcgg	taaagccttt		540
aggtgcgcca	gttctgttcg	aagtccacag	aggactcaca	cggagagaaa	actttttgaa		600
tgtaaaggaat	gcgggaaggc	tttgacttgt	cttgcaagtg	ttagaagaca	catgataaag		660
cacactggca	atggaccctta	taaatgtaag	gtgtgtggga	aagcctttga	tttcccagct		720
tcattttcgaa	tccatgaaag	gaccacact	ggagagaaac	cctatgattg	taagcaatgt		780
gggaaagcct	tcagttgttc	cagttcgttt	cgaaaacatg	aaagaattca			830

```
<220>
<221> misc_feature
<222> (179)...(731)
<223> similar to gi4101718 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

tgaatggggc	cggctacatg	atgtcagagt	ctgtgggact	ctgctggagt	acttagggaa	780
gggcaaaagc	atcgtggatg	tggggctggc	ccaggcccgg	caccactca	gcacccgcag	840
ccactacttc	gaggtggaga	tcgtggaccc	tggagagaaa	tgctacatcg	ccct	894

```

<210> 2330
<211> 861
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (216)...(591)
<223> similar to gi5725506 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2330						
tcccgggtcg	acgatttcgt	ctggagtgtt	agcaccagta	ctggatgtga	cagcaggcag	60
aggagcactt	agcagcttat	tcagtgtccg	attctgattc	cggcaaggat	ccaagcatgg	120
aatgctgccg	tcgggcaact	cctggcacac	tgctcctctt	tctggctttc	ctgctcctga	180
gttccaggac	cgcacgctcc	gaggaggacc	gggacggcct	atgggatgcc	tggggcccat	240
ggagtgaatg	ctcacgcacc	tgcgggggag	gggcctccta	ctctctgagg	cgctgcctga	300
gcagcaagag	ctgtgaagga	agaaatatcc	gatacagaac	atgcagtaat	gtggactgcc	360
caccagaagc	aggtgatttc	cgagctcagc	aatgctcagc	tcataatgat	gtcaagcacc	420
atggccagtt	ttatgaatgg	cttctgtgt	ctaatgacct	tgacaacca	tgttcactca	480
agtccaagc	caaaggaaca	accctggttg	ttgaactagc	acctaaggtc	ttagatggta	540
cgcgttgcta	tacagaatct	ttggatatgt	gcatcagtgg	tttatgccaa	gtaagtgtg	600
atttgttctc	attcaacttg	tccagagggg	ttcaatgtct	ttgtgtaaat	ggtttacata	660
gtctcactct	ctgaatcact	catctttaca	cttttttagag	tttgtaaatg	gtgaaagatt	720
tgaaaattaa	ggtatgattt	cagtgaaaag	taccaagtgt	tgtattgtgc	gaaggaaaag	780
tagactagag	ttatttttct	ttccttgagt	gtcacttgaa	tataaaagaa	taaaaatttt	840
tgaatagtgt	taaaaaaaaa	a				861

```

<210> 2331
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (29)...(420)
<223> similar to gil92459 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2331
tttcgtagag gcccaagagg tgagcgaggt ctgcaccacc cctggctgcg tgatagcagc    60
tgccaggatc ctccagaaca tggacccgac cacggaaccg tgtgacgact tctaccagtt    120
tgcattgcgga ggctggctgc ggcgccacgt gatccctgag accaactcaa gatacagcat    180
ctttgacgtc ctccgcgacg agctggaggt catcctcaaa gcggtgctgg agaattcgac    240
tgccaaggac cggccggctg tggagaaggc caggacgctg taccgctcct gcatgaacca    300
gagtgtgata gagaagcgag gctctcagcc cctgctggac atcttggagg cgggtgggagg    360
ctggccgggtg gcgatggaca ggtggaacga gaccgtagga ctcgagtggg agctggag    418

```

```

<210> 2332
<211> 737
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (7)...(738)
<223> similar to gi294543 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2332
tttcgtggag aaattgctga aaatctccct gaacaagata ttctgataca gagcgtctgt    60
gagacgatgg tgccaaagct ggtggcagag gacatcccg cgtctcttcag cctcctgtcg    120
gacgtgttcc ctggagtcca gtatcacagg ggtgagatga ctgcccttcg agaggagctg    180
aagaaagtgt gtcaggagat gtatttgaca tatggagatg gagaagaagt tgggtggaatg    240
tggtgtgaaa aggttctcca gctctatcag atcaccaga tcaatcatgg cctgatgatg    300
gtggggccct cgggaagtgg gaagagcatg gcctggcgtg tcctgctgaa ggcatggag    360
agactcgagg gtgtggaagg tgtggcccat atcatcgacc ccaaggccat cagcaaagac    420
cacctctacg gaaccctgga cccaacacc agggaatgga cagatgggct cttcacacac    480
gtgctgagaa agatcatcga cagcgtgaga ggcgagctgc agaagcgcca gtggatcgtc    540
ttcgatggcg atgtggatcc agagtgggtt gagaacttga actcagtgtg ggatgacaat    600
aagctcctaa ctttgcccaa tggagagcgc ctcatgtctt caccatgtgt gagaataatg    660
tttgaggtac aggacttgaa atacgcgacc ttggccacag tgtcgcgctg cggcatggtc    720
tggttcagtg aggatgt                                737

```

```

<210> 2333
<211> 491
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (321)...(425)
<223> similar to gi3687231 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2333
gcgggtggtc gtagctcggg agtccagttg tgggtaatcg gggctgtttg ttcctgtccg      60
agagagctcg gcggagacgg ctgtcgagta cccttcacct cgggtgttggg agcctgggag      120
cgaactgcgg cgcggttac cgctcccggg gacgcagcaa ggggcatcga gtccctggcg      180
ggagctgcgc catggcattg ctctcgaccg tccggggcgc gacctggggg cgctcgtca      240
cccgtcattt ctcccatgca gcgcggcatg gggagcggcc tgggtggggag gagctaagcc      300
gcttgctgct ggatgacctg gtgccgacct ctcggttgga gcttctgttt ggcatgaccc      360
cgtgtctcct ggctctgcag gccgcccggc gctctgtggc ccggctcctg ctccaggcgg      420
gtaaagctgg gctgcagggg aagcggggcc agctgctccg gatggccgag gcgcgggaca      480
ttccagttct g                                     491

```

```

<210> 2334
<211> 428
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(414)
<223> similar to gi2370155 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2334
tttcgtgccg ctctggagcg gcgggtgccg agtctcgatg acttcgcggg acagagctgg      60
agctcgtggg tggagcgggc cgacctgccc gcggctgacg gggctgagct ggaggagagt      120
agcaaaaaca cgaagaagtt ggatgccatg accctcatta aagaagacat gtccatcttc      180
gggactgccg ctgcccatga tgacttctac ttggttggtg gtaaccactg cagccaagtg      240
gtgaagcctc aagctttcca gaagcactgc gaaagaagac atggggccct cagcaagctt      300
tatggccggg cccaccccc acctccagcc cctgccagct ctcaaaaatg ccatgtagtg      360
aatgggcagg gccagcttg tagggcccca gggtccacga aaacctctc cagggagaag      420
ggccaggg                                     428

```

```

<210> 2335
<211> 433
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (139)...(434)
<223> similar to gi2407245 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2335
tttcgtgtgg gtgtctcggt ggagccttgt ttagcagttt cttttctagg agcctcttga      60
aggactcacc gtagatgcag gaagacattg gatgagggtca gcatagctga agtgagggtgt    120
ctgggttaga caatggctat ggccctggaa ttgcaagccc aggcattctcc gcagccagag      180
cctgaagaac tcctgattgt gaaactggaa gaggactctt ggggatcaaa atccaaactc      240
tgggagaagg accgtggctc tgtctctggc ccagaggcct cccgccagcg cttcaggcaa      300
ttccaataca gggatgcagc tggacccac gaggccttca gccagctctg ggctctctgc      360
tgtcgttggc tgaggccgga gatccgtctc aaagagcaga tcctggagct gctcgtgctg      420
gagcagttcc tgg
gagcagttcc      433

```

```

<210> 2336
<211> 517
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(518)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (8)...(486)
<223> similar to gill145791 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2336
tttcgtcggg gatgaagatg aagacatccg ggacaggggt gctaaacccg tcatggtcta      60
catccacgga ggctcttaca tggaaggagc aggcaacatg attgatggca gcacccctgc      120
cagttatggc aatgtcatcg tcatcaccct caactatcgg gttggagtgc taggtttcct      180
gagtactgga gatcaggctg ccaagggcaa ctatgggctc cttgaccaga tccaggccct      240
ccgctgggtg agcgagaata ttgccttctt cgggggagac ccccgccgga tcaactgtctt      300
tggtctgggc attggtgcat cctgcgtcag cctcctcacg ttgtcacatc actcagaggg      360
acttttccag agagccatca tccaaagtgg ctctgctctg tccagctggg ctgtgacctc      420
ccaaccagtg aagtacaaca gcctgctgac agacaaagtg ggctgtaatg tgctggcccc      480
cgtacgaaat cgtagncccg ggggttcacg gaccata
cgtacgaaat      517

```

```

<210> 2337
<211> 996
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (68)...(998)
 <223> similar to gi4240231 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2337
 ggaaggagct gctggacagg ccgagggagc ctacgtccga gaccgcgcag acgccgccgc 60
 catggtaaga aaatcatttt tgagttacaa cacaaccatc tggggccctt tggaactggt 120
 ggagaagctg taccgccgaag cagaggaaat aggagctaga gtccgggatc tacctggtct 180
 gaagacccct ctgggtcgag caagagcgtg gcttcgatta gccctcatgc aaaaaaaaaat 240
 ggccgattac ttacgttgct caattattcg gagggatctc ttgagtgagt tttatgagta 300
 tcacgcacta atgatggaag aagaaggagc agtaattggt gggctgctgg ttggcctgaa 360
 tgtgatcgat gctaactctgt gtgtgaaggg agaggattta gactcacaag ttggagtgat 420
 tgatttttct atgtatttaa agaataaga agatattgga aataaagaaa ggaatgttca 480
 aattgctgcc atattagacc aaaagaatta tgttgaagaa ttaaatagac aactgaacag 540
 cacagtcagc agcctccatt caagagttga ttcattagaa aagtcaaata ctaagctgat 600
 tgaagagtta gcaatagcaa agaataacat cattaactc caggaagaaa atcatcaatt 660
 acgaagtgaa aataaattga ttttaattgaa aacacagcag cacctagagg ttaccaaagt 720
 agatgtggaa actgagcttc aaacatataa gcattctcgt caggggctag atgaaatgta 780
 caatgaagcc agaaggcagc ttcgagatga atctcagtta cgacaggatg tagagaatga 840
 gctagcagta caagttagta tgaagcatga gattgaactt gccatgaagt tgctggagaa 900
 agatatccat gagaaacaag atactctgat aggccttcga caacaactag aggaaggtaa 960
 agcaattaac atagagatgt atcaaaagtt gcaggg 996

<210> 2338
 <211> 597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (154)...(598)
 <223> similar to gi296605 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2338
 aaaatcttac caatcatag agttgggggtg agaattcgaa ggtaattcta tataaggtaa 60
 ggcctccagc aagagctatg gtggttgatga cactgactga ggctggggga ggccctcact 120
 caccctcctt ccttcttggt tttctcctac ccagatgtgg cagtggatgg gcagaactgg 180
 acgtttgctt ttgacttctc cttcctgagc caacaagagg atctggcatg ggctgagctc 240
 cggctgcagc tgtccagccc tgtggacctc cccactgagg gctcacttgc cattgagatt 300
 ttccaccagc caaagcccga cacagagcag gcttcagaca gctgcttaga gcggtttcag 360
 atggacctat tcaactgtcac tttgtcccag gtcacctttt ccttgggcag catggttttg 420
 gaggtgacca ggccctctct caagtggatg aagcgccctg gggccctgga gaagcagatg 480
 tccagggtag ctggagagtg ctggccgcgg ccccccacac cgcttgccac caatgtgctc 540
 cttatgctct actccaacct ctgcaggag cagaggcaga tgggtgggtc caccttg 597

```
<210> 2339
<211> 430
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (163)...(425)
<223> similar to gi3953475 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400>	2339						
tttcgtccca	tgactgagcc	ccgccgccgc	cgggcggttga	atgggctccg	ggctctggta		60
ggaagcgctg	ggagcggggg	gcgcttttaa	aacaccgata	tgggtttttt	aaaaacctcc		120
tttgaaaaaa	taatggcaaa	ctcgacgggg	aaggcgcttc	cggacgagcg	gagaaagggg		180
ctcgctttcc	tggacgagct	gcggcagttc	caccacagca	gagggtcgcc	ttttaaaaaa		240
atccctgcgg	tgggtgggaa	ggagctggat	cttcacggtc	tctacaccag	agtcactact		300
ttaggcggat	tcgcgaaggt	ttctgagaag	aatcagtggg	gagaaattgt	tgaagagttc		360
aactttccca	gaagttgttc	taacgctgcc	tttgctttta	aacagtatta	cttgcgttac		420
ctagaaaagg							430

<400>	2340						
tttttttttt	ttgcaggacc	acaaaatgga	actttattca	gtcacagaca	ctgaccctcc		60
aatagcccca	gaagcaagag	cctagggcc	agcaatccat	acccagtcct	tggagttggg		120
cagggtagga	cgctggccaa	gggccagtgc	tgtctcttgc	ttacagcctg	aggactacgg		180
gagcagcagc	tgtggcctgg	ccgctcccaa	tgctgggggc	ttggcttggg	gccccatccc		240
cttctgact	gagctctatg	aaggactctt	aaaaaaataa	aataaaatgc	aagcaaagtg		300
ctttgaaaga	agggaggaca	ccctattcct	gctaaggggt	agaggaagaa	ggtgaaggcg		360
gctaggtgcc	cataagagaa	ggctggcaca	atcttcattc	ccgccagtgt	gatttcagtc		420
tcaaaaagatg	agtattttggc	tgagaaaattg	aaggatactc	caggctccct	acggagttgt		480
gctggggcca	tgcttagctg	cccttgcagg	cagccctggg	tgctgggggc	agacatgcag		540
gacactggga	agagtcagaa	ccacaggtgg	gagggaatct	cagaqcccaq	gctccccact		600

<210> 2342
 <211> 556
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (11)...(516)
 <223> similar to gi3786430 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2342
 caggctgtta agacaagagc ttgtggtgct ttgccacctt caccacccca gtttgatata 60
 tttgctggca gctgggattc gtccccgat gtgtgtgatg gagttagcct ccaaggggttc 120
 cttggatcgc ctgcttcagc aggacaaagc cagcctcact agaaccctac agcacaggat 180
 tgcactccac gtagctgatg gtttgagata cctccactca gccatgatta tataccgaga 240
 cctgaaaccc cacaatgtgc tgcttttcac actgtatccc aatgctgcca tcattgcaaa 300
 gattgctgac tacggcattg ctgagtactg ctgtagaatg gggataaaaa catcagaggg 360
 cacaccaggg tttcgtgcac ctgaagttgc cagaggaaat gtcatttata accaacaggc 420
 tgatgtttat tcattttggt tactactcta tgacattttg acaactggag gtagaatagt 480
 agagggtttg aagttttcaa atgagtttga tgaattagaa atacaaggaa aattacctga 540
 tccagttaaa gaatag 556

<210> 2343
 <211> 816
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (89)...(722)
 <223> similar to gil825699 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2343
 atgatctcac cgatggctca ctgtgacctc cgcctctcgg gttcaagtga ctcttctgcc 60
 tcagcctcct gagtggctgg gactataggt tgctgaccag caatcatcca tgtttgagaga 120
 gtgctgcttc cagacagggt atgtgaaatt aaccatggga actgggacat ttttgatat 180
 taacactgga tatagccttc aacagactac tggaggcttt tatccattaa ttgggtggaa 240
 gattgggcaa gaagtcgtat gcttagctga aagcaatgca ggagacactg gtactgccat 300
 aaaatgggct cactatttag accttttcac agatgctgct gagactgaaa aaatggccaa 360
 aagtttgag gattctgaag gagtttggtt tgttccatct tttagtggat tacaggctcc 420
 attaaatgac ccctgggcat gtgcctcttt tatgggtttg aagccttcta ccagtaaata 480

ccatcttgta	cgagcaatat	tggagtcaat	agctttcaga	aacaaacagt	tatatgagat	540
gatgaagaaa	gagattcata	ttcctgtaag	aaaaatccgg	gcagatggag	gagtttgtaa	600
gaatgggtttt	gtcatgcaga	tgacttcaga	cctgattaat	gagaatatag	acagacctgc	660
cgacattgac	atgtcatgcc	tgggtgcagc	ttctctagct	ggccttgctg	ttggtatgtg	720
tgaaatttat	aagaatgaga	gttttcttgc	aaactcttcc	ttacagatag	cattttctcct	780
ctcaaattac	aaaattctag	agagtcaaaa	aaaaaa			816

<210> 2344
 <211> 914
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(917)
 <223> similar to gi3327078 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2344						
ggaattcgcg	gccaaggagg	acagcccagg	ccaaggcagg	caacctcatg	tcagccatgc	60
tgcattgtga	ggccctggag	aggcagctgt	ttctggaacc	ttctcaggca	cttgggcctc	120
cagagcctcc	ggaagccaga	gtgcccggca	aggcccaacc	agaggtggat	actaaggcag	180
agcccagcca	cacagcagcc	ctcaccgcag	tggccctgaa	gccacctccc	gtggagctgg	240
aagtcaacct	cctgaccccc	ggggccgttc	cccctacagt	ggtctccttt	ggaacggtga	300
ccaccccagc	tgaccggctg	gccttgatag	ggggcctgga	gggcttcctg	agcaagatgg	360
cagagcacag	gcagcagccc	gacatcagga	ccctcacgct	actggccgag	gtggtggagt	420
ccgggagtc	tgcagagtcc	ttgctgctgg	ccctcctgga	tgagcaccag	gtagaggccg	480
acctgacatt	ctttaacacg	ctgggtgagaa	agaagagcaa	gctgggagac	ctggaggggg	540
ccaaggcgct	gttgccggtc	ctggcaaaga	ggggcctcgt	ccccaacctg	cagacattct	600
gcaacctggc	catcggtg	cacaggccga	aggacggtct	acagcttctc	acagacatga	660
agaagtccca	ggtgaccccc	aacactcaca	tctacagtgc	cctcatcaac	gcggccatca	720
ggaagctgaa	ctacacctat	ctcatcagca	tcttgaagga	catgaagcag	aacaggggtc	780
cggtgaacga	agtgggtcatc	cgccagctgg	agtttgagc	ccagtaccct	cccacctttg	840
accggtacca	agggaagaac	acctacctgg	agaagattga	cggcttccga	gcctattaca	900
agcagtggct	gacg					914

<210> 2345
 <211> 430
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(423)
 <223> similar to gi211622 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

094623 01200

```

<400> 2345
gaggacccta caggtgctgc tggacttac acatggccag tcccaagacg aggtggccca    60
ggccgcggaa gccctgagac acagaggtat cgacatctac tccgtgggca ttggggatgt    120
ggatgaccag cagctcattc agatcaccgg gactgcagag aaaaaactga cagtgcacaa    180
cttcgatgaa ctgaagaagg tcaataaaaag gatcgttcgc aacatctgta ccacagcggg    240
tgaaagcaac tgtttcgtgg atgttggtgt gggatttgat gtctcaactc aggagaaagg    300
gcagactttg cttgaaggtc agccttgat ggaaacctac cttcaagaca tcttacgtgc    360
catcagctcc ctcaatggag taagctgtga ggtgggcaca gagactcagg tcagtgtggc    420
ttttcaagtg

```

```

<210> 2346
<211> 655
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(579)
<223> similar to gil545959 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2346
ccagcccagc gccaaagggc tggggagcat cctggcctac ctgacggacg ccaagaggag    60
gctgcgcaag gttgtctggg tgagccttcg ggaggaggcc gtgttgagggt gtgacgggca    120
cacctacagc ctgcggtggc ctggggccccc tgtggctcct gaccagctgg agaccctgga    180
ggcccagctg aaggcccatc taagcgagcc tccccaggc aaggaggggc ccctgacctt    240
caggttccag acctgcctta ccatgcagga ggtcttcagc cagcaccgca gggcctgtcc    300
tggcctcacc taccaccgca tccccatgcc ggacttctgt gccccccgag aggaggactt    360
tgaccagctg ctggaggccc tgcggggccgc cctctccaag gaccaggca ctggcttcgt    420
gttcagctgc ctgagcggcc agggccgtac cacaactgcg atggtggtgg ctgtcctggc    480
cttctggcac atccaaggct tccccgaggt ggggtgaggag gagctcgtga gtgtgcctga    540
tgccaagtgc actaagggtg aatttcaggt gagcatgccc tgcgggggtcc ctgaggcacc    600
ttgggatggg aggaggagga ggactcctgc ttgccggtct aggggtcctc aaagg        655

```

```

<210> 2347
<211> 1289
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1290)

```

<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (183)...(905)

<223> similar to gi5532497 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2347

agggcagggg	tcagaaagac	tgaatgtaaa	gctgggctct	gagtctgcc	ggcccttcgt	60
gtgttgctct	gcacattaat	taaaggggtct	acgaggtcag	caaggacgcc	caagaagact	120
cagtcagtga	aggtgaactg	ctcctgtttt	ccagtgtgat	tgtcctgctc	caggtgggtat	180
gcagctgccc	ggacaagtgt	tactgtcagt	catctacaaa	ttttgtagac	tgcaagccagc	240
agggctctgg	cgaatccct	tcccatTTac	ctcctcagac	tcgaacgctg	catttacaag	300
ataatcagat	acaccatctt	cctgcttttg	catttaggtc	agtgccatgg	ctcatgacct	360
taaacttgct	caacaattcc	ctttcaaatt	tggcccttg	agctttccat	gggcttcagc	420
acttgaggt	tttaaattct	acccagaatt	cactcctttc	cctggaaagc	agacttttcc	480
attccctccc	tcagctgagg	gagcttgatt	tgtcatcaaa	caacataagc	caccttccca	540
catccttggg	agagacttgg	gagaacctaa	ctatacttgc	ggttcaaaa	aaccagcttc	600
agcagcttga	tcgagcgtc	ctggaatcca	tgcccagtg	gaggctttta	cttctcaagg	660
acaacctctg	gaaatgcaat	tgccacttgc	tcggtcttaa	actctggctg	gagaaatttg	720
tctataaagg	gggactaaca	gacggcatca	tctgtgaatc	accagacacc	tggaagggaa	780
aggacctcct	taggatccct	catgagctgt	accagccctg	ccctcttcct	gctcctgatc	840
cagtgtcctc	gcaggnetca	gtggcccggc	tctgcccccg	gtgtggctct	gaggcctcct	900
tgagaaccac	aacgtggggg	agcgaggaac	tcttgggagt	tgcgagctca	aaccaagcc	960
aaggccggcc	caacctgcgt	catgcccatt	gccactgtca	tcattcactg	gcgttggtgt	1020
tgggattgtg	tgtctcatga	tgttgggcag	ttgccatctt	atggctgcaa	ctatgaggca	1080
atcacagccc	agtaccatgg	gggacccttg	gctcaaacca	atgtatcctg	ggaaggtgga	1140
agaaaaagag	cgattttgac	agctcaccag	cctgagagct	tttgtctcaa	atagggattg	1200
gtcattgcag	gccagaagat	agtgtctgag	tagggctgat	gtgtttcctg	ttagtctgat	1260
tttgcttttg	ccaaaagaca	aaaaaaaaa				1289

<210> 2348

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (6)...(788)

<223> similar to gi4104168 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2348

cccgggtcga	cccacgcgtc	cggagactca	acaccagcat	tcaggagatg	ctccgagtgc	60
ttttctccac	agactcgagg	gtacagaaga	tgtttgagat	cctcttggtat	gaaaacagtg	120
aggctgataa	gcgggaaaag	gctgccaaca	atctcattgt	cctaggccgt	gaggaagcag	180

```

gggctgagaa gatcttccag aacaatggag tagccttgct actgcagctt ctggacacta 240
agaagcctga gctgggtgctg gctgcagtgc ggaccctgtc gggcatgtgc agcggccacc 300
aagccagagc cacagtgatt ctgcatgcag tgcggataga ccgaatctgt atcctcatgg 360
ccgtggagaa tgaggagatg tctctggctg tctgcaacct gctccaagcc atcattgact 420
ccttgtctgg ggaggacaag cgggagcatc gaggggaagga ggaggccctg gttctagaca 480
ccaagaagga cctgaagcag atcaccagcc acctgctgga catgctagtc agcaagaagg 540
tgtctggcca gggcagggat caggcgctga acctgctcaa taagaatgtt cccaggaagg 600
accttgccat tcatgacaac tcacgtacca tctatgtggt ggataatggt ctgaggaaga 660
tcctgaaggt tgtggggcag gttccagatc tgccatcctg cctgcccctg actgacaaca 720
cccgcattgt ggcctctatc ctcacaaaca agctctatga tgacctgcgc tgtgacccgg 780
agcgc                                           785

```

```

<210> 2349
<211> 632
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(579)
<223> similar to gi3882221 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2349
aacgtcatgc atctctggcc attcaccata catgatctac gaggtctggg tgccaagaag 60
ttctatggca agttctgtgc tggagccatc gaccatatca gtatccgtca gctccaacta 120
atacttttga aagtagcctt gatcctaggc attgaaatcc acgtcaatgt ggaattccaa 180
ggacttatac agcctcctga ggaccaagag aatgaacgga taggctggcg ggcaactggtg 240
caccccaaga ctcacacctg gtcagagtat gaatttgaag tgatcatcgg tggggatggt 300
cggaggaaca ccttggaagg gtttcgtcgg aaagaattcc gtggcaaact ggccatcgcc 360
atcacggcaa attttatcaa ccgaaataca acagcagaag ctaaagtgga agagatcagt 420
ggtgtggctt ttatattcaa ccaaaaattt ttccagggaac tgagggaagc cacaggtatt 480
gacttgagaa acatcgttta ctacaaagat gacacacact atttcgttat gacagccaaa 540
aagcagagtt tgctggacaa aggagtgata ctacatgtga gccacggatt tccttcaaaa 600
ctcttttcta ttgaagtggc taatatcacc aa                                           632

```

```

<210> 2350
<211> 435
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(429)
<223> similar to gi930104 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2350
caaaggccag taatagtacc catgagtttc gtattggcct acctgagggg tgggaatccg      60
aaaaaaaaggc agttatcccc ctgggggatcg ggccaccctt gactttaatc tgcctagggg      120
ttctggggggg tattctcatc tacgggagga aaggcttcca aactgcccac ttttacttaa      180
aggacagtcc atcccctaaa gtaatatcca cccctccacc acctatcttt ccaatttcaa      240
aggaggtcgg accaattcca ataaagcact ttccaaagca tgtggcaa at ttacatgcaa      300
gtaggggggtt tactgaaaaa tttgaaacac tgaaaaagtt ttaccaggaa gggcaaagct      360
gtactgttga cttagggtatt acagcaaaca gctccaacca cccagacaac aggcacagga      420
atcgatcctt aattg                                         435

```

```

<210> 2351
<211> 426
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (13)...(427)
<223> similar to gi3882141 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2351
aattcccggg tgcagggcta catcagcaac ctgcggaagc agctggagac gctgtctggg      60
gacagggtga ggctggactc ggagctgagg aatgtgcggg acgtagtgga ggactacaag      120
aagaggtatg aggaggaaat caacaagcgg acagcagcag agaacgagtt tgtgctgctc      180
aagaaggatg tggatgctgc ttacgccaat aaggtggaac tgcaggccaa ggtggaatcc      240
atggaccagg agatcaagtt ctacaggtgt ctctttgaag ccgagatcac tcagatccag      300
tcccacatca gtgacatgtc tgtcatcctg tccatggaca acaaccggaa cctagacctg      360
gacagcatca ttgacgaagt ccgcacccag tatgaggaga ttgccttgaa gagtaaggcc      420
gaggct                                         426

```

```

<210> 2352
<211> 449
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(449)
<223> similar to gi186772 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2352
ctacacggcc ggaattcccg ggtcgagggg ggtgtggtgg tggtaggatg gggatccatg    60
gaaggggggt tggctctagg agcctctaca atctgggtgg cagtagaagc atctccatta    120
atctaattgg gaggagcact agtggtttct gccaggggtg gggagtaggg ggatttggag    180
ggggcagagg ctttgggggt ggcagcactg gggctggtgg ctttggagga ggtgggtttg    240
ggggtgctgg atttgggact agcaattttg ggcttggggg ctttggtcct tattgtcctc    300
ctgggggcat ccaagaggtg accattaacc agagcctcct agagccactt cacctggagg    360
tggaccctga aattcagagg atcaagaccc aggagcggga gcagattatg gttctcaaca    420
acaagtttgc ctcccttcatt gacaaggcg                                449

```

```

<210> 2353
<211> 883
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (544)...(803)
<223> similar to gi2104558 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2353
tcagatgtga ctttcctggt ggaaggaaaag ctgttttatg cacataaagt cctgctggtg    60
acagcttcta acaggtaggc agcctcagat aacaaaactcc cagcccaggg gcacagaagc    120
accttgtttc agattccagg tgacagagag tgactcgctg gggctgtacc ctgcagcctc    180
tgcccctcag actgcagtca cattgcagca gagccccact cgccccacag cgggatgaga    240
cggggtggac ccagggcagc aggaaagggg ggctctgagg tgggtgttctt tctggcctag    300
ttattgcttt tattattaga aaacataaat atcctggaat gaagagtcag cattctggcc    360
acaggcgtca ggtcgcttgt aggggtgggtg gtggggacag aattgggctc agctcagatg    420
tcttcctaag atggtgtaaa atggcacttg ctgaaaatta ttttaggagc acagcagtaa    480
tttttaaaat gttccgtctt gtggtagccg gtcaggtgac agatggtgcc atcgccacac    540
agtgtgtaag taaaagggtt aaaacccacc ttgctttgtc tcctttgctc caggttcaag    600
acactaatga ccaataaatc agaacaggat ggggacagca gcaagacat cgagatcagc    660
gacatgaagt accacathtt tcagggtgtg gggctcttgt gccgccctct tctcagaggg    720
atgaccctcc cccaggagcc caccttgttg gcagctgtgc attggttgct attgttact    780
ctattcccag tgccttctgt attctgttga atgaatagag catccaggtc tttccctgtg    840
cagaggtagc catccgttgt ggggctgcag cttcagagcc tgt                                883

```

```

<210> 2354
<211> 726
<212> DNA
<213> Homo sapiens

```


<220>
 <221> misc_feature
 <222> (2)...(593)
 <223> similar to gi3874826 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2354
 cccacgcgctc cgcttgagca aggtccggca caagctccgc aagttcctcc agaggcggcc 60
 cacctgcag tcgctgcggg agaagggcta catcaaagac caggtgttcg gctgcgcgct 120
 ggccgcgctg tgtgagcgcg agaggagccg ggtgccacgc ttcgtgcagc agtgcacccg 180
 cgccgtcgag gcccgcgggc tggacatcga cgggctgtac cgcacacagtg gaaacctggc 240
 caccatccag aagctacgct ataagggtgga ccacgatgag cgccttgacc tggatgacgg 300
 gcgctgggag gacgtccacg ttatcacccg agccctgaag ctcttctttc gggagctgcc 360
 cgagcccctc ttcccccttct cgcacttccg ccagttcatt gcggccatca agttgcagga 420
 ccaggcccgg cgcagccgct gtgtgcgtga cttggtgcgc tcgctgcccg ctcccaacca 480
 cgacactctg cggatgctct tccagcacct ctgccgggtg atcgagcacg gcgagcagaa 540
 ccgcatgtcg gtgcagagcg tggccattgt gttcggggcc acgctgctgc ggcccgaggt 600
 ggaagagacc agcatgcca tgaccatggt gttccagaac caggtggtgg agctcattcc 660
 tgcacacagtg cgcggacatc ttcccgcgcg actgactgct ggccctgtgac tggggacggc 720
 ggtcgc 726

<210> 2355
 <211> 652
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (10)...(653)
 <223> similar to gi3882331 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2355
 gaccaacaag tcgagtggat ccagaactgc ccctcccggc gcagccagcc cgtggaccac 60
 gattgtaact ccttgctggt cacgctgagt tttgacctgt gtgagcgggg ccgccggggc 120
 ctggagacag cctctcacag catgtctgca agcctggagc ccttcctcta cggcctgcac 180
 gccctgttca agggggattt tcgcatcacc tccccacgtg acgagtgggt ctttgccgac 240
 atggacctgc ttaccgcgct tgtggcgctt ggggttcgca tggccctcaa gcttcaccag 300
 gaccacttca cgtccccaga tgaatatgag gagccagcag ccctatacga tgccattgcg 360
 gccaacgagg agcggctggt catctcacat gaggggtgacc cagcatggcg cagcgccatc 420
 ctacagcaaca cgccctccct gctggcgctg cgccatgtcc tggatgatgc ctccgacgag 480
 tacaagatca tcatgtcaa ccggcgccac ctacgcttcc gagtcatcaa ggtgaaccgg 540
 gagtgcgtgc gcggcctgtg ggccggggcag cagcaggagc tgggtgttcct gcgcaaccgc 600
 aaccccgagc gtggcagcat ccagaacgcc aagcaggcgc ttcgcaacat ga 652

<210> 2356
 <211> 641
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (60)...(641)
 <223> similar to gil778382 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2356
 gccactcaat atcggaagg ctgggacgcc tgtggggacc gccacgttat tcgcggggcg 60
 acccacgcgt ccgacccaag gagaagctgc acaccctgga ggagttctcc tatgagttct 120
 tcagggtctcc agagaaggac atggtgagca tggccgtgct gccctggcc cgtgcccgtg 180
 gccacctgtg ggcctattcc tgcgagccgc tgcgacagcc gctgctcaag cgagtccacg 240
 ccaacgtcga cctctgggac atcgctgcc agatctttgt cgccatcctc cggtacatgg 300
 gcgactaccc ttctcggcag gcctggccca ccctggagct caccgaccag atcttcacac 360
 tggccctgca gcacccggcc ctccaggacg aggtctactg ccagatcctg aagcagctga 420
 cgcacaactc caacaggcac agcgaagagc ggggctggca gctgctgtgg ctgtgcacgg 480
 gcctcttccc gccagcaag gggctgctgc cccatgcccga gaagtttata gacactcgga 540
 gggggaagct gctggccccc gactgcagcc gccgaatcca gaaggtcctg aggacggggc 600
 cccggaagca gccccgcac catgtggagg tggaggccgc t 641

<210> 2357
 <211> 479
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (2)...(469)
 <223> similar to gi211616 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2357
 tgatactgga cagaaaggct tgcctggccc tcctggcccc cctggctatg gatcacaggg 60
 aattaaagg gaacaaggac cacaaggctt cccaggccca aagggcaca tgggccatgg 120
 cctccaggc cagaaggag agcacggaga acggggcgat gtgggaaaga aaggtgataa 180
 aggagaaatt ggagagcctg gatctccagg aaaacagggt ttacaaggac ccaaaggaga 240
 cctaggactt acaaaagaag aaattatcaa acttattaca gaaatatgtg gttgtgggcc 300
 caaatgaaa gagactccac tagagctggg gtttgtgac gacagctcag aaagcgtggg 360
 gccagagaac ttccagatca ttaaaaattt tgtgaagact atggctgacc gggttgctct 420
 ggaccttgcc acggcccgc taggcataat caactatagc cataaggtgg agaaggtgg 479

tgttacagac ggggtttcac catgttggtt gggctggt

698

<210> 2360

<211> 692

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (22)...(672)

<223> similar to gil212992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2360

agggtcgacc	cacgcttccg	catgatacat	acaccttttag	aggacactgt	ttctgttgaa	60
ggtgatattg	ttcacctcac	aacatccata	acaaatgcta	aagaggtgaa	ttggtatattt	120
gagaataaac	tggtgccttc	agatgaaaag	ttcaagtgtt	tacaagatca	aaatacatat	180
acgctagtca	tcgacaaagt	aaataccgaa	gaccatcaag	gagagtatgt	ctgtgaggcc	240
ttgaatgaca	gcggaaaaaac	agcaacttca	gccaaactca	ctgtagtaaa	aagagctgcc	300
ccagtgatca	agaggaaaaat	cgaacccctg	gaagtagcac	tgggccacct	agccaaattc	360
acctgtgaga	tccaaagtgc	tcccaatgtc	cggttccagt	ggtttaaagc	tggccgagaa	420
atztatgaga	gtgacaagtg	ttctattcga	tcttcaaagt	atatctccag	ccttgaaatc	480
ctgagaaccc	aggtggttga	ctgcggcgag	tatacatgca	aagcttccaa	tgagtatggc	540
agtgtcagct	gtacagccac	actaactgtg	acagaaccac	caaagtttgt	aaagaaatta	600
gaagcctcca	aaattgtgaa	agcaggtgac	tcttcacgac	ttgaatgcaa	gatagctgga	660
tccccagaaa	tcagagttgt	gtgggtccga	aa			692

<210> 2361

<211> 736

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (20)...(738)

<223> similar to gil666689 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2361

gtttgaacag	cccggaaacc	cgggcgaccc	acgcgtacga	actccgcccc	catggggggcc	60
ccactttttc	gctttgatcc	cttcttcccc	caaagaggtc	ccagctaccc	catcctccag	120
aagggacccc	attgcccaca	cagcgactct	tctctctaaa	aagaccccag	caactctagc	180
ccccaaagag	gccctcattc	ccccagctat	gactgttccc	tcccctaaaa	agaccccagc	240

aattccaacc	cccaaagaag	ccccagctac	cccatcctcc	aaagaggcct	ccagtccccc	300
agcagtgact	ccttccactt	acaaaggggc	cccatccccc	aaagagctcc	tcattccacc	360
agctgtgact	tctccttccc	ccaaagaggg	acctactcct	ccagctgtga	ctcctccatc	420
ccccgaaaag	ggcccagcaa	ctccagcccc	caaagggact	cccacttccc	cacctgtgac	480
tccttcctcc	ctcaaagact	cccctacttc	cccagcttct	gtcacatgta	aaatgggggc	540
cactgttcct	caagcatcta	aagggcttcc	agcaaagaaa	ggccccacag	ctctgaaaga	600
agtacttggt	gccccagctc	cagaaagcac	gccaatcatc	acagctccca	ctcggaaagg	660
tccacagacc	aaaaagagtt	ctgctacttc	acctcctata	tgcccagatc	cctcagctaa	720
gaatggttct	aaagga					736

<210> 2362
 <211> 862
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (9)...(856)
 <223> similar to gil161804 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2362						
agaaggtcaa	ggaagatgag	gatgatggtg	tgggtgatgg	ggatgaggac	actgacagtg	60
ccatagggag	cttccgatat	tcttcccgca	gtaattccca	gaaacctgaa	acagacacat	120
gctcctccct	ggctgtctgt	gatcactatg	caagtggcag	cagagttggc	aaagagatgg	180
atagcagtat	taataagtgg	ctcagtggcc	tcaggacgga	ggaaaaacct	cctttccaaa	240
gtgactggtc	tggaaagttcc	agaggggaagt	acaccagatc	gtccctgctc	agggagacag	300
agtctaaatc	ctccagttac	aagttttcca	aatcccagtc	agaggaacag	gacacctcct	360
cctaccacga	ggcaaattggc	aactctgtaa	gaagcacttc	acggtttctca	tcttctccca	420
ccagggaggg	cagagagatg	cacaagttct	ccaggtccac	gtacaacgag	acctcaagtt	480
cccagagagga	gagcccagag	ccctacttct	tccgccggac	cccagagtcc	tcagaaaggg	540
aagagtcccc	agaaccacag	cgcccaaatt	gggccaggtc	cagggactgg	gaagatgtgg	600
aagagtcatc	caagtccagc	ttctctgaat	ttggagccaa	gaggaagttc	acctcagagct	660
ttatgaggtc	tgaagaagag	ggagagaaaag	agaggacaga	aatcagagaa	gaagggaggt	720
ttgcatctgg	acggcggtcc	cagtatcggg	gaagcaatga	cagggaggaa	gaggaagaaa	780
tggacgatga	agccatcatt	gctgcttggg	gacgccggca	agaagaaacc	aggtccaagc	840
tgcagaaaag	gagggagtgt	ac				862

<210> 2363
 <211> 521
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (17)...(523)

<223> similar to gi3047189 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2363

cgacacattc	gggcagaagc	gcatcatctc	gccatccttt	gataacatca	aatattataa	60
ctttgttata	gaagagtacc	cgctggctgc	ccagggcttt	gactgggagc	tgtggtgccg	120
ctacctaaat	cccccaagg	cctggtggaa	gctggagaac	tccacagcgc	caatcaggag	180
ccctgccctc	attggctgct	tcattgtgga	ccggcagtac	ttccaggaga	tcggcctgct	240
ggacgaaggc	atggaagtct	acgggggcga	gaatgtggag	cttgggatca	gggtgtggca	300
gtgtggcggg	agtgtggagg	tcctgccctg	ctcacggatt	gcccacattg	agcgagccca	360
caagccctac	acagaggacc	tcaccgcca	tgtccgcagg	aacgctctca	gggtggctga	420
agtctggatg	gatgaattta	aaagccacgt	ctacatggca	tggaacatac	cgcaggagga	480
ctcaggaatt	gacattgggg	acatcactgc	gaggaaagct	t		521

<210> 2364

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(589)

<223> similar to gi407139 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2364

aaatcaacct	ttgagatctc	ttcagtccag	gcttccgatg	agggcaatta	cagcgtggtg	60
gtagaaaaca	gtgaaggga	acaagaagca	gagttcactc	tgactattca	aaaggccagg	120
gtaactgaaa	aggctgtgac	atcaccacca	agagtcaa	ccccagagcc	tcgggtgaaa	180
cccccagaag	cagttaagtc	tccaaaacga	gtgaaatctc	cagaaccttc	tcacccgaaa	240
gccgtatcac	ccacagagac	aaaaccaaca	ccaacagaga	aagttcagca	cctcccagtc	300
tctgccccac	caaagattac	tcagttcctg	aaagcagaag	cttctaaaga	gattgcaaaa	360
ctgacctgtg	tggttgaaag	cagtgtatta	agggcaaaag	aggtcacctg	gtataaagat	420
ggcaagaaac	tgaaggaaaa	tgggcatttc	cagtttcatt	attcagcaga	tggtacctat	480
gagctcaaaa	tcaataacct	cactgaatct	gatcaaggag	aatatgtttg	tgagatttct	540
ggtgaagggtg	gaacgtctaa	aaccaactta	caatttatgg	agcaagctat	cattaaacat	600
gtctgtttat	cc					612

<210> 2365

<211> 707

<212> DNA

<213> Homo sapiens

001210 5248460

<220>
 <221> misc_feature
 <222> (2)...(709)
 <223> similar to gil212992 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2365
 tcttgagacc agtgccagac tgcacgtgga gactgtcaag atcattaaaa agccaaagga 60
 tgtgacagcc ttggaaaaatg ccactgttgc ctttgaagtt agtgtttccc atgacactgt 120
 tccagtaaaa tggttccata agagtgtgga aattaagcca agtgacaaac acagactggt 180
 ctgagaaaag aaagtcacaca agctgatgct gcagaacatc tccccctcag atgctgggga 240
 atacacagct gtggtcgggc aattggaatg caaagcaaaa ctgtttgtgg agacattaca 300
 tattacaaaa accatgaaaa atatcgaggt gcctgagacc aaaactgcct cttttgagtg 360
 tgaggtgtcc cacttcaatg tcccttccat gtggctgaag aatggtgtgg aaattgagat 420
 gagtgaagaag ttcaagatag ttgtgcaggg aaaactccat cagctgatca tcatgaacac 480
 cagcacagag gactcggcag aatacacatt tgtctgtggc aatgaccaag tcagagccac 540
 cctgacagtc accccaatca tgattacttc catgctgaaa gacatcaacg ctgaagaaaa 600
 agacactatt acttgtgatg tgacagtga ctatgaaggc atctcttaca aatgggtaaa 660
 gaatggtgtg gaaatcaaata caactgacaa gtgccagatg agaacca 707

<210> 2366
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(753)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (752)...(463)
 <223> similar to gil1017427 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2366
 gaaccattac ggcgctgac caattggctc acttgcagag aaacatttgc gcattgttct 60
 gttatatgaa ctgcaaccca tttggtagtc aaagaggtgt actgtgcaac tcttcccaa 120
 attctagaaa gtgagaattg ttaaaattct tgattttaaa cttcaacttt aacactttct 180
 taaagctgaa gtctctaaga aaactgtngt agaagaaaag agatttggtg ctgaagaaaa 240
 actatccttc gcagttcctc aaagagtggg agtcacgcgg cacgaaggta tataatcgga 300
 agtcagggga taaatgagtt tgtgtgtgtt tcctcaaagt ctcttcttct tccacatgtg 360
 attgtttact ttagaacatg tcctcatcag ttatttctcc ttatgttggg attagaatgt 420
 gtctaccttt tgtagccttc tgggactgag tcttttgtgt ctatgttggc cttgaatcat 480
 tcgaaggaag tggatgagtc ccgaaaatgt tataattttg aaagtggcca cacttggaac 540
 taactcaagt atcattctca gtcttgggct gtacttggcc tcatattaaa ttagcttcct 600

ccttcttata	gtgaggaagt	accatgaagc	tatgtcctaa	gcagatagaa	gaacagttat	660
ccatctgtag	tgaccacatg	gctgtatata	catctgtatc	tcagcaggct	gaatttaa	720
gaaaccttat	ctttaaagta	tctgcagagg	ag			752

```

<210> 2367
<211> 547
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (20)...(405)
<223> similar to gi2970644 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2367						
tgaatttcat	gctgaaaaag	aagagatagt	gaaagggtgat	gtacaacaag	caataaaaaa	60
cctgttctct	gaggaaagat	ctgtaaagaa	aggcatctta	attcaggaag	atgaaaaagg	120
agatattaac	atgactatct	attgtcttct	tcatgaaaat	gatggtgaca	caattgagcg	180
tgaagaagta	ataggtggtg	atgtcaaacg	taccattcat	aatttattgt	cttccacatc	240
aaacaataaa	atatctgaaa	gggctaaaat	tgatgcctct	gagagaggaa	atgttcagtt	300
tttcacaacc	tgcatagaag	ctggagcttt	ggattatctg	aaacaactcc	acacagagtc	360
aaatgaaaca	ctgacagcta	agaaacaaga	aggagagaaa	gaaatcattg	gtgggtgatgt	420
tgaagggtaca	aaactgttac	tgaagaaaag	gcagtctctg	gttgaacata	ctgttagtga	480
aactgacatc	atccctggag	atgtgcataa	cacagttaag	gtttttatga	ccgagcctca	540
gagtaca						547

```

<210> 2368
<211> 575
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (9)...(563)
<223> similar to gi3116214 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2368						
aattctcgcg	tcgacccacg	cgteccgatcg	agaaagcccg	gccctactat	gaggctcggc	60
ggctgtctaa	ggaggttcag	caggagacac	agaaggcagc	gctgcggtgc	gagcgggccg	120
taagcatgca	caacgctgct	cgagaaatgg	tgtttgtggc	tgagcagggc	gtcatggctg	180
acaagaaccg	actggacccc	acgtggcagg	agatgctgaa	ccatgctacc	tgcaaggtga	240

atgaggcgga	ggaagagcgg	cttctaggtg	agcgggagca	ccagcgagtg	actcggctgt	300
gccaacaggc	tgaggctcgg	gtccaagccc	tgacagaagac	cctccggagg	gccatcggca	360
agagccgccc	ctactttgag	ctcaaggccc	agttcagcca	gatcctggag	gagcacaagg	420
ccaaggtgac	agaactggag	cagcaggtag	ctcaggccaa	gacgcgctac	tccgtggccc	480
ttcgtaacct	ggagcagatc	agcgagcaga	ttcacgcacg	gcgccgcggg	ggtctgcctc	540
cccacccccct	gggccctcgg	tgctcctccc	ccgtg			575

<210> 2369

<211> 606

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (2)...(608)

<223> similar to gi3970966 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2369

taatatcaac	gaagccatgg	ctacgagggc	taatgtgggg	aaaaggaaaa	acataaccac	60
tggggcatct	gcagcatccc	agactcagat	gcctacgggc	cagacaggca	actgtgagtc	120
cccttttaggg	agcaaggagg	acctcaactc	caaagagaac	ctggatgccg	atgagggaga	180
tgggaaaagt	aacgacctcg	tccttagttg	tccttacttt	agaaatgaga	ctggagggga	240
aggcgacagg	cggattgcgc	tctctcgagc	caactcatcc	tctttcagtt	ctggggaaaag	300
ctgctctttc	gaatcgtcac	tcagctctca	ctgcacaaat	gcagggtgtct	ccgtcttgga	360
agtgcccaag	gaaaaccagc	ctattcacag	ggagaaaagt	aagcgctaca	tcatagaaca	420
cattgacctt	ggggcctatt	attaccgcaa	attcttctat	gggaaagagc	acaaaaacta	480
ctttggaata	gatgaaaacc	ttgggtccagt	agcagtcagc	atccggagag	agaaggtgga	540
agatgccaaag	gagaaagaag	gatcccagtt	caactacagg	gtggctttca	ggacaagtga	600
gcttac						606

<210> 2370

<211> 675

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (157)...(649)

<223> similar to gi4096697 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2370

```

cagggtcgag gctgtgaatt ctccccagcc atccatcgta catctctcca acaaaccag 60
atatgtgggc tcctagactt actccgatca tgtaaagtgc atcaagagaa gctccttctg 120
ccaacatctg gtcaataaat tccttcaaga ccatggctgg ggagaattac aggcctcgac 180
cctgcaggcc ctttattcaa cgggaaacct caccaagaca gattagatcc cagtgatgcg 240
cagtttggtg atgtcatcca ttccgacact gatgcactgg gctacaagga gccattagga 300
aacatagact tctacccaaa tggaggattg gatcaacctg gctgccccaa aacaatattg 360
ggaggatttc agtattttaa atgtgaccac cagaggtctg tataacctgta cctgtcttcc 420
ctgagagaga gctgcacat cactgcgtat ccctgtgact cctaccagga ttataggaat 480
ggcaagtgtg tcagctgcgg cacgtcacia aaagagtcct gtccccttct gggctattat 540
gctgataatt ggaaagacca tctaaggggg aaagatcctc caatgacgaa ggcatctttt 600
gacacagctg aggagagccc attctgcatg tatcattact ttgtggatat tataacatgg 660
aacaagaatg taaga                                     675

```

```

<210> 2371
<211> 1977
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (266)...(857)
<223> similar to gi9916 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2371
gaatttccgg ggcacccccgc gtccgcccac gcgtccggaa ctgaggacag ggacagaggt 60
tatattatgg taccttgact ggcgagcact tatgaagaga aagaggatga aggccaacat 120
taagctgggt gggttcaggat ttccccttcc ctccctctgat ttggatgact ctctcactga 180
agagatagat gaaaagattg gattccgaaa tgatgcaaat tttgactggc aaaatgtggc 240
agatttcagg gatgcagggt gatccctaac tgagggtcaag gtggaagagg aagaaaggga 300
tccgcagagt cctgaatttg aaattgagga ggaggaagaa atgttgtcat ccgtcatacc 360
agattccagg agagaaaatg aacttcccga tttccccac attgatgagt tttttaccct 420
taactcaaca ccatctagat ctgcatatga tgaacctcat ttgctcgtaa atattgagaa 480
acagaaacta gagttggaaa aacgacgact ggatatcgag gccgaaaggc tgcaggtaga 540
aaaggaacgc ctacaaatcg agaaagagag gctgcggcat ttagacatgg aacatgagcg 600
gcttcagcta gagaaggagc ggctgcagat tgaaagagaa aagttgaggt tacagatagt 660
caattcagag aaaccgtcct tggaaaatga acttggtcaa ggagaaaaat ccatgcttca 720
accacaggac atagaaacag agaagttaaa acttgagcga gaacgcttgc aactggaaaa 780
ggataggctg cagtttttga agtttgaatc tgagaagctg cagattgaaa aggaacgctt 840
acaggtagag aaagacagac ttcgaattca gaaagaagga cacttgacgt gatttttcca 900
ggcttccatt tagcaaatgt ttgaaaactc tagatttttc tcatatcagg tgatataatg 960
atggttgctg gattagtgt ggtttcttgt ctaatgtcag tgttcagtag gaaaaagtta 1020
tatgtggata actgtatgcc taagtagtat ataaaagctg tgccctagcg taaacagtat 1080
agcagaaact tactgtgctg gactctttac cttataatat tacatagagt cttgtattgt 1140
ctgtgtaccc agagtttaca attatgtcca tataaaattc tagcccagaa gttctcatct 1200
ggggtagatt ttggccttca gaagaccaat ttggtgatgt ctggagacat gttgggttgt 1260
caaaactggg gtggggaaaa ggttgctact gtgcaatgca tacctcctca acaccccccc 1320
acactcagta aagaattttc caacccaaaa tatcattagt cctgaggttg agaaacctg 1380
tcctagccta actgtgtacc tctatagcta tgttttatag ttttagaata ttaaacctc 1440
agatatttat gtgggttaggt acttaaatgg ccaaaaactt taactatgaa atgttactgt 1500

```

gtagtatatt	gaatatagga	agtgatgaag	attataggt	ttttattccc	atgtttccat	1560
ctataaatag	ccttctcaga	ttcagaaaac	aatacagaga	acatcagaaa	ttttctaaaa	1620
tgggtcactt	tgaaaagaat	tctttttctc	actattaatg	ctttagaagc	aagacgcaat	1680
tttaaagctt	tagttccttt	tctttcagtc	attgtccttag	tttgggtaca	aaaatgtcat	1740
ttcagtaatg	tactgaaatc	ttataagtga	atagttgaag	ctagtaaaaa	tgataaccagt	1800
ataaaaaatg	tacttgtagt	ccatgagctt	gaacccaatg	actgattgtt	tgacttttaa	1860
aataagtaat	agcagccatt	tgggagtagg	gggtaggtgg	ggaagatgta	ctccgtatca	1920
aataataatg	atgttgaaat	aatgatagta	ggtatgtatt	atggattgga	gaagcac	1977

<210> 2372

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (154)...(330)

<223> similar to gi3850177 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2372

atgagagata	ggcagtaagg	acagccctgt	gagtccgtac	tgcaggtgtg	gggcccagtt	60
gcccttccgg	cctaaatggg	cactttgcat	tttcctagaa	aacattacac	cccttgcttg	120
ggctcctgcc	aagtctgact	actgcttttt	tttcagagg	tgaacaagaa	ggaggtggtg	180
gaggtgtgta	ccattgtaga	gacaccaccc	atggtggttg	tgggcattgt	gggctacgtg	240
gaaacccctc	gaggcctccg	gaccttcaag	actgtctttg	ctgagcacat	cagtgatgaa	300
tgcaagaggc	gtttctataa	gaattggtaa	gggaggaggc	catgcagtcc	ctagcttggg	360
agcttgagg	ctggagagca	gggagcagcg	tgtgcatggt	ttctcagctc	tgtagcaggc	420
agggagctgc	tgtcttggtt	ttagtttgcc	tctcgaacag	aaaaatacct	gggatcagac	480
ttggccagcc	atctggtttc	agccggaagc	taacaccctc	attctgagtc	caggctagtg	540
ggtggtggct	gaggacccag	ttggttgagg	agtccaacta	gaaaccagga	gaggtagcag	600
aataattaaa	cccctatagg	ggtggcaagg	gcctctggcc	ctgggtggaa	tgtcccattt	660
cctccatcac	tgagtgggct	tccccaaggc	agaaagggtt	gtcccggagc	aagaattttg	720
tttgaatgcg	tgtaacttaa	attaaccttg	tggacctctg	ctcagctccg	ctcggctctg	780
cccgatgagc	tccatccagg	ctccgcttgc	cgggtggaaa	ggctccttag	aagccggcaa	840
tgagctccat	ccccacgcgg	tgccagtgtg	ccttccgctc	accctcggga	ggggtgatga	900
aggcctgcac	ctggtccccct	ccccaaactct	gctctgctcc	tgaaggcata	aatctaagaa	960
gaaggccttt	accaagtact	gcaagaaatg	gcaggatgag	gatggcaaga	agcagctgga	1020
gaaggacttc	agcagcatga	agaagtactg	ccaagtcatc	cgtgtcattg	cccacaccca	1080
gatgcgcctg	cttc					1094

<210> 2373

<211> 384

<212> DNA

<213> Homo sapiens

001210 "5223450

<220>
<221> misc_feature
<222> (1)...(385)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (113)...(332)
<223> similar to gil002425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2373
ctggaggcga gcttcaacgt catcaactca cactcctctc cctgtcttcc ggctcctttc 60
ggtatgtgtg ggtctgggca gggcagtaga ggtcagaagg gctggcctgg agtgctcact 120
ccatccccta ccttttggtc tctgtctacc cctgcaaggc tggctcagaa ggttctgggg 180
gaggagttct tttctcagtc tcgcccctca ggtgctgac ccagcggcct gtgtgtggat 240
tgtttctgcc tttgtgggat tcagtgttat cccccaggaa ctgtctgccc ccaccaaggc 300
accatggatt tggctgcctc acccaggtag gntttctcct agtctccat tctcttgttc 360
aaataaaggt atctatttga actc 384

<210> 2374
<211> 77
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(69)
<223> similar to gi3758795 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2374
ctccgcctcc caaagtactg ggattacagg tgtgagccac cgtgcccagc caagaccttg 60
tatctttaaa aaaaaaa 77

<210> 2375
<211> 697
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (25)...(683)

<223> similar to gi488555 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2375

```
cccctgggag tgtgctggaa ttcgaaagct tttgattgca gtgactctgg gaaatccttc      60
attaatcatt cacaccttca gggacattta agaactcaca atggagaaag tctccatgaa      120
tggaagggaat gtgggagagg ctttattcac tccacagacc ttgctgtgcg tatacaaact      180
cacaggtcag aaaaacccta caaatgtaag gaatgtggaa aaggatttag atattctgca      240
taccttaata ttcacatggg aaccacact ggagacaatc cctatgagtg taaggagtgt      300
gggaaagcct tcaccagggtc ttgtcaactt actcagcaca gaaaaactca cactggagag      360
aaaccttata aatgtaagga ttgtgggaga gccttcactg tttcctcttg cttaaagtcaa      420
catatgaaaa tccatgtggg tgagaagcct tatgaatgca aggaatgtgg gatagccttc      480
actagatctt ctcaacttac tgaacattta aaaactcaca ctgcaaagga tccctttgaa      540
tgtaagatat gtggaaaatc ctttagaaat tcctcatgcc tcagtgatca ctttcgaatt      600
cacactggaa taaaacccta taaatgtaag gattgtggga aagccttcac tcagaactca      660
gaccttacta agcatgcacg gaactcacag tggagga                                697
```

<210> 2376

<211> 828

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (375)...(831)

<223> similar to gi5758310 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2376

```
caggatctgt gaggatttca tttggatata tgtcgacgct ggatgatgtc caggcctttc      60
ttaggttcat catagacact cgccctgcact catcagggga ctggcctgtc cctcaggccc      120
atgctgacac cggggagact ggagcccat cagcagacag ccaggctgat gttataacctg      180
ctgtcatggg cagacgtagc ctctcgccctc aggaagatgc cctcacaggc tccagggttt      240
ggaacaactc gtctactgtg aatgctgtgc ctgtggcccc acctgtgtgt gatgtcgcca      300
gaaccagacc gactccttca gagaaagctg caggagtcct ggagggggcc cttgggccac      360
atgttgtcac taacctttat ctctatccaa tcaaatectg tgctgcattt gaggtgacca      420
ggtggcctgt aggaaaccaa gggctgctat atgaccggag ctggatggtt gtgaatcaca      480
atggtgtttg cctgagtcag aagcaggaac cccggctctg cctgatccag cccttcacgc      540
acttgcgcca aaggatcatg gtcatcaaag ccaaagggat ggagcctata gaggtgcctc      600
ttgaggaaaa tagtgaacgg actcagattc gccaaagcag ggtctgtgct gacagagtaa      660
gtacttatga ttgtggagaa aaaatttcaa gctggttgtc aacatttttt ggccgtcctt      720
gtcatttgat caaacaagt tcaactctc aaaggaatgc aaagaagaaa catggaaaag      780
atcaacttcc tgggtacaatg gccacccttt ctctggtgaa tgaggcac                                828
```

09483725 "012100

<210> 2377
 <211> 393
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(389)
 <223> similar to gi498721 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2377
 acataccata gagaagcctt atgaatgtaa ggaatgttta aagtcctttt tatatccctc 60
 aagactcact cgtcatcaga aaattcatac tggcaagaaa ccctttgaat gtaagggaatg 120
 tggaaaaaac tttattttgtg gctcagacct tactcgacat cacagaattc aacttggtga 180
 gaaaccctat gaatgtaagg aatgtgggaa agccttttagt agtggttcaa acttcactcg 240
 acatcagaga attcacacag gtgagaagcc ttatgaatgc aaagaatgcg ggaaggcctt 300
 tagtagtggc tcaaacttta ttcaacatca gagaattcat actggggaaa aaccctatga 360
 atgtaaggaa tgtggcaatg ccttttagtca gag 393

<210> 2378
 <211> 769
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(768)
 <223> similar to gi5640021 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2378
 attttttggg gtgcatgatg agacttgtca agtgattgga tgtgaaaaag agaaaataga 60
 ccttacgagc ttgagggcct ctattgatgg ctgtattaag aagctacctg tccatcattt 120
 ctgcacacag aggcctgaga taaaatatgt ccttaacttc cttgaagtgc atgataaggg 180
 ggccctccgt ggatatgtct gtgcaatcaa ggtggagaaa ttctgctgtg cgggtgtttgc 240
 caaagtgcct agttcctggc aggtgaagga caaccgtgtg agacaattgc ccacaagaga 300
 atggactgct tggatgatgg aagctgaccc agacctttcc aggtgtcctg agatggttct 360
 ccagttgagt ttgtcatctg ccacgccccg cagcaagcct gtgtgcattc ataagaattc 420
 ggaatgtctg aaagagcagc agaaacgcta ctttccagta ttttcagaca gagtgggtata 480
 tactccagaa agcctctaca aggaactctt ctcaacaacat aaaggactca gagacttaat 540
 aaatacagaa atgcgccctt tctctcaagg aatattgatt ttttctcaaa gctgggctgt 600
 ggatttaggt ctgcaagaga agcagggagt catctgtgat gctcttctaa tttcccagaa 660
 caacaccctt attctctaca ccatcttcag caagtgggat gcgggggtgca agggctattc 720
 tatgatagtt gcctattctt tgaagcagaa gctgggtgaac aaaggcggc 769

<210> 2379
 <211> 782
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (73)...(552)
 <223> similar to gi2621120 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2379
 gtgtgctgga attcgcaggt ggcacacaaa gctgagatat tgtcaccttt gggagcactg 60
 tattacaaca ctggccgata cgaagaggct ttgcagattt accaggaagc tgcagcactt 120
 cagccttctc agagggagct ccgcttggca ctggctcagg ttttggccgt gatgggtcag 180
 acaaaagaag ctgaaaagat gaccaatcac attgtgtcag aggagaccgg atgccttgaa 240
 tgctatcgcc tcttgtcagc catctatagc aagcaggaga accacgacaa ggcacttgat 300
 gctatagaca aggctctcca gctgaaacca aaggacccaa aagtcatttc tgaacttttt 360
 ttcacaaaag gaaaccaatt aagagagcag aaccttctcg acaaagcttt tgagagctat 420
 agagtggctg tgcaactaaa cccagaccaa gcacaggcct ggatgaacat ggggtggcatc 480
 caacacatca agggaaaata tgtgtctgca agagcttatt atgagagagc cttacagctg 540
 gttccagaca gcaaactgct gaaggaaaat cttgccaaat tggatcgctt agaaaaacga 600
 ttacaagaag ttcgagaaaa ggatcaaaca tagcaccacc gtctgaccca acctcatagt 660
 ataatgtggt gcctctgaaa ggggagtgat ggaagccttg ctttcacatc agcaggggca 720
 caactaatga gattttctct cattccgagt tcagggtgac acattttggg acatctgctg 780
 gt 782

<210> 2380
 <211> 875
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(870)
 <223> similar to gi557822 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2380
 tcagaaacct caccgatgtc tgacttacct ttaacatcag aaactttctc agtgtcttcc 60
 atgtcttctc cctctgagac cacttttgta tccagtttgc cacttccttc agaaacatct 120
 ccaatttcca actcttccat aaatgagaga atggcacatc agcaaagaaa gtcaccttct 180
 gtatctgaag agccactctc cccgcagaaa gatgagtctt ccgccactgc caaacctctg 240

```

ggagagaacc ttacctccca gcagaagaat ctgtctaata ctcccgaacc catcataatg 300
agttcttctt ccattgctcc tgaagcattt ccgtctgaag atttgacaaa taagaccctg 360
agtcagcaaaa cctgtaaaat acatgttgac actgagaagc cctaccctgc ttcaattcca 420
gaacttgctt ctactgaaat gataaaaagt aaaaatcata gcgtcctgca aagaacagaa 480
aaaaaagtgt taccttcacc attggaatta tctgtctttt ctgaaggagc agataataag 540
ggaaatgagc ttccatctgc taaattacag gacaagcaat atatctcatc agtggataag 600
gctccatttt cagaaggctc tagaaataaa acacataagc aaggaggagc acagagtcgg 660
ttagaaacct cacatacttc caagtcatac gagccctcca agtcacctga tgggataaga 720
aatgaaagta gagattcaga gatatacaag agaaaaactg cagagcaaca cagctttgga 780
atctgtaagg aaaagagagc taggatagaa gatgatcagt caacccgaa catatcatct 840
agcagccac ctgagaaaga acagcctccc agaga 875

```

```

<210> 2381
<211> 497
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(499)
<223> similar to gi3638957 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2381
atgtgcggtg gcatttcccg gctcgccact gcccttcaca ggggcattct gccccaggga 60
gcttggtctat gcccctggtg cctgtctcct cacctgtgac agccccagcg ccaatcactc 120
ctgccctgca ggcagtactg atggctgtgt ctgtccacca ggcacggtgc tgctggacga 180
gcgctgtgtg cctcctgacc tctgtccctg ccgtcacagt gggcagtggt acctgccccaa 240
cgccaccatc caggaagact gcaacgtttg cgtgtgcccg ggccggcagt ggcaactgcac 300
aggccagcgg cgcagtgggc ggtgccaggc atcaagcgcc cccactatg tgacatttga 360
cggactggcc ttcacctatc ctggggcctg cgagtatctg ctggtgagag aggccagtgg 420
cctattcaca gtctctgccc agaacctgcc ctgtgggggc agcgggtctca cctgcaccaa 480
agcgctttcc gtgcggtt 497

```

```

<210> 2382
<211> 1496
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(1496)
<223> similar to gi3372657 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```


<400>	2382					
attcgtcatt	gcaaaatcca	ctccttagca	cttctaaaag	taccaggaac	tatgcaaaaag	60
ctagtagaaa	tgtagaagaa	tctgaaaaaag	ggctcttgaa	aattgagttt	caagtgcacg	120
cactagaaga	tgaaagtgat	ggagagacat	ctgacacgga	aaagcatgga	acaaaaattg	180
gaaccctagg	ttctgcaact	acagaattgt	tatctggcag	cactcgaact	gctgatgaga	240
aagaggagga	tgaccgcata	ctgaagactt	ctagagagct	atccacttcc	ccatgtaatc	300
ccatagtctg	ccagaaagaa	tctgaattac	aaatgacata	tgcagccagt	ccacaccctg	360
gcttattgct	agacttgaaa	acctctctag	aagatgcaca	ggttgatgac	tctattaaat	420
ctcatgtatc	ttatgaaaca	gaaggctttg	agagtgctag	cttggatgca	gagcttcaaa	480
aaagtgcata	cagtcagccc	tcgggccctc	tcttgccctga	actaagtaa	cttggccttc	540
ctgcctcact	tcagagggat	ctaaccgcgg	acattagttt	gaagagcaaa	actggagtac	600
accttcctga	gccaaaacct	aatagtgccc	gcgcattctg	caatattagc	ggtcaccgaa	660
agagtgcac	agagaaggag	tctgggctca	agccaacct	acggcagatt	ctaaatgcac	720
ctcggagaaa	tgtcaactgg	gaacagggtca	ttcagcaagt	aaccaagaaa	aagcaagagc	780
tgggcaaagg	cttaccagg	tttggcatag	aaatggtacc	ccttggtcaa	aatgaacaag	840
aagccttaga	tttgatggg	gaacctgata	tgtccagtct	agaaggattc	cagtgggaag	900
gtgtttccat	ttcctcgtcc	cctggccttg	caagaaagcg	aagcctttct	gagagcagcg	960
tgatcatgga	cagagctcct	tctgtgtata	gcttcttcag	tgagggaagg	acaggcaaa	1020
aaaatgagcc	ccagcagatg	gtttcaccta	gtaactcatt	gagggctgga	cagagccaga	1080
aagcaaccat	gcacctcaaa	caagaagtga	cacctcgggc	tgccctccctc	cgaacagggtg	1140
aaagggctga	aaatggtgct	acccaaaggc	gacatagtgc	acaattatcc	tctgaccata	1200
taataccttt	gatgcatttg	gcaaaagact	tgaacagcca	ggagagggtc	ataccaccgt	1260
cagagaatca	gaattcccag	gagagttaat	gagagggaaa	ctgtctgtca	tcaagcgcac	1320
cctcagccct	tgcatctcc	agtttagcgg	atgcagccac	agatagtagc	tgacctctg	1380
gtgctgaaca	aatgatggc	caaagtatta	gaaagaaacg	aagagccact	ggagatggat	1440
cttctcctga	actcccaagt	cttgagagaa	aaaataaaaag	aaggaaaatt	aaaaaa	1496

```
<210> 2383
<211> 1808
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (8)...(697)
<223> similar to gi4378885 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

<400> 2383						
tgcagagaag	aagaaaaaac	aagaagaaga	gaaattggcc	cagttaaagg	cccaagagga	60
ggatcgtcag	aaaagggagg	cagaagaaaa	ggaggcacag	cttgaaagaa	aacgagaaga	120
gaagagactg	aagaaaatga	aagaacttga	gaagcagaag	agaattaaga	ggaaccagca	180
gctggaagca	atagccaaag	aacattatga	aagggtcttg	ctaaggaaaa	aagggtctaga	240
gccttggaag	agattgagaa	tgcaaagcaa	acaaaacatc	caggtggcag	aagaacatta	300
ctctttgttc	ctgcagagga	aatacatgct	gacgtggttc	cagcgtagtc	aggaaagtct	360
ggctagaaaag	atggcccagg	ctgatcaatt	ttattcccaa	atactgctta	agagagtcac	420
ccagagctgg	ctacagtacg	tgattgatct	gcaggaagaa	gtaagaaaat	tttgtgtaca	480
ttttcttcaa	aagaagattt	tcagggcctg	gtttaacatg	gtcagggagg	tgaagatcga	540

ttctcagggc	aagcatgaga	ttgcagcggg	gcacagtgac	aggaggatcc	tctggatcac	600
ccttcggaca	tggaagaagt	ttgtaaaatt	tatgaaagag	gaaagagtaa	aagaagaaag	660
gcgacagcaa	cttcgtagga	aggtagttga	aattcttcca	gacttccagg	tacctggaag	720
gtaccacgag	ctatatcagc	aatcagatac	ttggtccttg	agtaagacaa	gtctggtgaa	780
cgaatgagcc	agattagtg	aatatttagg	acaggaagct	cgactagtct	gtatgtgtgt	840
tatctccacc	caccacacaca	catacataca	tacacctggt	ttattctcta	cgagctactt	900
cttagatcaa	aggaattatt	ttgagaattt	ttattccctt	ctttgacttt	tcctggattg	960
ctagtcatte	actatagcat	ttatcacagt	gggatcatcc	aaaggaacat	tctagagatc	1020
gtctgttcaa	atatatccta	tatatTTTTA	gcatagtaaa	ctttaaaaag	gacaagtgtt	1080
tgcttgactg	agcctgtgaa	gaaaatgtgt	ccgtatagca	cgacaggagt	tgctgatgtg	1140
accttaatga	aacagaaata	aacaggggtg	agtgtctcga	aaggaagggc	gggccaaggc	1200
actcagcctt	ctagtgcagt	agcgtcagtg	acacgcaccc	caccagacct	cgccactttt	1260
caccacccct	gaaggcagac	catgtatgaa	aaggttctct	acacagctgc	tgagaggac	1320
agcagcttat	cctgatttca	gagaaaactga	ggcaccagag	atgcttctct	tccgtgcacc	1380
ttgataagca	tgaaggacat	tccaaaagggt	agtaactcta	tcatgacagt	ccagcaattc	1440
attaaattat	ctgttcatgc	tcccacctgc	aactgctgaa	taatacactc	agtgtgtctt	1500
ctagtactca	gctcagtttg	atctagatat	tgagatacct	atcttgaatt	caaagaatgt	1560
cttcatcttt	aagatgctat	aaagactgat	aaaatgctct	cttctatgaa	ttgtgttaga	1620
gaattacctg	ctagaaaaat	aattttttcat	tataaaaatac	acatttatta	tataacaaat	1680
tcaagtagtc	cataaatgca	tatggtaaaa	tgagaaagtc	ctgtgcagtc	ctgagatgat	1740
tactcttatt	tggtgtgctg	aaaatttgag	ttgacaaaat	aaaattctgt	ggttttttaa	1800
gtgaaaaa						1808

<210> 2384

<211> 1092

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (423)...(660)

<223> similar to gi4185567 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2384

agaaaaacaa	tattgtgtg	agtcgctgta	actcccttag	ctgcatatta	gcccaggaag	60
aagaacagta	tctacagagt	ggagaccagc	aactgacccg	acatgtgttg	ctgtgtttac	120
ttctcatcat	tgccctgttc	gctaattctt	ccagttgttt	atgggtggcta	ttcaaccaag	180
agcctggaag	actttatgtt	gagttacagt	ttttctgtgc	cgtgtttaac	tttggtcagg	240
gatttatatt	ctttggaatc	tttggttagg	ataaacattt	aatcatcctg	cctttcaaaa	300
gaagacttga	attcctatgg	aacaataaag	acacagcaga	aaacagggat	tctcctgttt	360
cagaggaaat	aaaaatgacc	tgtcaacaat	ttatccatta	tcaccgtgac	ctctgtatcc	420
gaaacattgt	caaagaaaaga	aggtgtgggtg	caaagacttc	tgctggaact	ttctgtggct	480
gtgacctggt	gagctggcta	attgaagtcg	gccttgccctc	cgaccgtggg	gaagctgtga	540
tatacgagga	caggctggta	caaggggggag	tcatccaaca	tattaccaac	gagtatgaat	600
tccgggatga	gtacttggtt	tacagatttc	ttcaaaaagag	tcctgaacag	agtcctcctg	660
ctattaatgc	aaacactctc	caacaggaaa	gatataaaga	aattgagcat	tcatccccac	720
cctcacattc	ccctaagacc	taaattatgc	aggggagaaac	cctacatgga	atcatattct	780
agccgcgtat	tatttagttt	ttagctgggt	gaccttgggc	aagttaacag	aggcaacctc	840
tctgagcctc	agttgtctct	tctgtaaaaat	gtgaaaagat	gtgctccac	cacatgcgca	900

<210> 2386
 <211> 1169
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1170)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (457)...(774)
 <223> similar to gi4539001 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2386
 tatgaggata ctctgttcgt aagctcccggt tgaattttgt tccacagact cggaagaaag 60
 gttggataag agttcactgg agattgacaa gtactcggga tagtgaaaag ccggagttgg 120
 aacatggata gccgcttgca ggagatccgg gagcggcaga agttacggcg acagctcctc 180
 gcgcagcagt tgggagctga aagtgccgac agcattgggt ccgtgttaaa tagcaaagat 240
 gagcagagag aaattgctga aacaagagaa acttgcaggg cttcctatga tacctctgct 300
 ccaaagtcaa aacgtaagta tctggatgaa ggagagacag atgaagacaa aatggaagaa 360
 tataaggatg aactagaaat gcaacaggat gaagaaaatt tgccatatga agaagagatt 420
 taaaaagatt ctagtacttt tcttaaggga acacagagct taaatcccca taatgattac 480
 tgccaacatt ttgtagacac tggacataga cctcagaatt tcatcaggga ttaggttata 540
 gctgacagat ttgaagaata tcctaaactg agggagctca tcaggctaaa ggatgagtta 600
 atagctaaat ctaacactcc tcccatgtac ttacaagccg atatagaagc ctttgacatc 660
 agagaactaa cacccaaatt tgatgtgatt cttctggaac cccctttaga agaattattac 720
 agagaaactg gcatcactgc taatgaaaaa tgctggactt gggatgatgt atgatcaaac 780
 tttctacatt gtaattgaatt atttattttc aaatgaatat gtttatttgg tcagaaagtg 840
 agataataaa tatcatccct actttttagt ggattataaa ttagatttta tagtgtaaatt 900
 tatagctgaa ggtccaaggt acattgacta atattacatt atctttaatt ttagccttct 960
 tttcaaggca aaaattgagc agatagcaag tgaataggct gtagaagact taaaattttg 1020
 gtcttagagt ccttggctat atagtttaga aagtttaaaa acagatggaa tgattcataa 1080
 ttcattctgc atttgattag tttcagtaaa catcagagct tgnntatgta tataaaaaca 1140
 tgatttctac tctttaaaca gcttacagt 1169

<210> 2387
 <211> 499
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (307)...(422)
 <223> similar to gi2337883 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2387
aatgctcctt tggtagaac aattatatgg ctaaattaat ctcagccacc tagttctaaa    60
ttagagcaa ggattgcaag ggattattta gacaagttca tcaattaagt aaaattagac    120
atgaaggata taagaatgaa tgataaagca agctaaaaat ggtgaaacaa gggatgtctg    180
attggaagta gaagatattt atttaggttc taggacatta gtatcagtga ggacagtaat    240
ttcctgcttg tttgtatttc agtgatcaca tacacttctt tacctgataa cgtctctctt    300
ctctaggctg gttttgggta cggcttgcca atttctcgtc tgtatgcca gtactttcaa    360
ggagatctga atctctactc tttatcagga tatggaacag atgctatcat ctacttaaag    420
gtatcccttg aattcaatag caaaatcctg tttctaaaac cattgctcct tttatagccc    480
tgagtgcctat ggtccggag

```

```

<210> 2388
<211> 824
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(683)
<223> similar to gi2879925 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2388
ataataacag cacatcagac agggcagaga aattttgtgg gcaaaaaaag aggaggcatt    60
cttttgagca tgtttctctg attccccctg aaacctctac agtgctaagc agtcttaaag    120
aaaaacataa acacaaatgt aagcgcagga atcatgatta cctcagctat gacaagatga    180
aaaggcagaa acgaaaacgg aaaaagaaat atccccagct tcgaaataga caggatccag    240
actttattgc agagctggag gaactaataa gtcgcctaag tgaaattcgg atcactcatc    300
gaagtcatca ttttatcccc cgagatcttc tgccaactat ctttcgaatc aactttaata    360
gtttctatac acatccttct ttcccccttag accctttgca ctacattcga aaacctgact    420
taaaaaagaa aagagggaga cccctaaga tgagggaggc aatggctgaa atgcctttta    480
tgacagcct tagttttcct ctttctagta ctggattcta tccatcttat ggcatgcctt    540
actctccttc accccttaca gctgctccca taggattagg ttactatgga aggtatcctc    600
ccactcttta tccacctcct ccatctcctt ctttcaccac gccacttcca cctccttctt    660
atatgcatgc tgggcattta cttcttcaat cctggccaaa ttaccattaa ggaaaaaggc    720
ataaggtaac tttcgacagg gagggccttt tctttaacaa ccagcaggga ttccccctct    780
tttctgagag tacctaacc cagtgtttcc tctgagatg gccg

```

```

<210> 2389
<211> 692
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(693)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (1)...(543)
 <223> similar to gi2315731 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2389
 ttttttgtga ctctatttat ctttgccctt tttgaaacca tcattactcc attaacaatg 60
 gatattgtatg cctggactca agaacaagct gtgttatata atggcataat acttgctgct 120
 cttgggggttg aagccgttgt tatttttctta ggagttaagt tgctttccaa aaagattggc 180
 gagcgtgcta ttctactggg aggactcatc gttgtatggg ttggcttctt tatcttgta 240
 ccttgggggaa atcaatttcc caaaatacag tgggaagatt tgcacaataa ttcaatccct 300
 aataccacat ttgggggaaat tattatttgt ctttgggaagt ctccaatgga agatgacaat 360
 gaaagaccaa ctggttgctc gattgaacaa gcctggtgcc tctacacccc ggtgattcat 420
 ctggcccagt tccttacatc agctgtgcta ataggattag gctatccagt ctgcaatcct 480
 atgtcctata ctctatattc aaaaattcta gggacacaaa cctcaggggtg tatacatggg 540
 gctggttaac agcatctggg aagtgggagc ccggattctt ggggcctatg ttcattcagg 600
 ccaagtgtat ggntcactgg ggggaccacg atgggcattc agcctggtgt gtggaataat 660
 agtgctcacc atcacccctc tgggagtgga ta 692

<210> 2390
 <211> 1108
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1109)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (935)...(1110)
 <223> similar to gi4589476 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2390
 gcgcaatccg ctctctatag cctcatcccc tactcttcca ctttcccctc tccttcctgg 60
 ctacactgat atccttgctg tttgaactcc ccaggcacac cttgcttcag ggcttttgtg 120
 gtactgttgc tgctgcctgg aatgtgcttc cctgtaccca ctggactcac ttcctcacgt 180
 caatcacgtc tttgaggagc tgttttctca gagaggcctt tgaccatcct atcttanatc 240

```

attgtatttg gccaggcgtg gtggctcacg cctgtaatcc caacactttg ggaggccgag 300
gcagtggatc agttgaggcc aggagtttga gagcagcctg gtcaacatgg tgaaaccctg 360
tctctactaa aaatataaaa attagctggg catggtgggtg tgtgcctata gtcccagtta 420
cgaggagggc tgaggcatga gaatcacttg aacctgggag gtagagggtg cagtgaacca 480
agatgccacc actgcaactcc agcctgggca acagagtggg accatccctc cccccacca 540
aaaaaaaaatg ctgtatttgc catcatggca cgcacattat ctggcatgct acactttgtt 600
tgtttgttgt ctttgtcac ttgaatgtag cttgttcact gctgtatcct cagtatcttt 660
aatggggcct tgcagaaaagt agttcctcaa atatttgtta tgtgagtctc atcttgtcat 720
ccaggtcaag agacaatcgg acactgtctg aagaaacggg caaaacaata tgctgtattt 780
cagaattata tcctgaaatt atattccgaa aggagttagt cagcatgtgt ggggtgacatt 840
agggagtgtt ttctggaggg aagggcagggt gcaggaaggg taggatgagg gccagggtgag 900
gatagggtgg actcaggcct tgttctcttc cgtaggctct tactcacctg gagacctgtg 960
gcccaactcg caagtgtgtg tgacaagcag cttaaactgc accctggaga acggcgtgcc 1020
ttgtgtgatt caggagtcgg ccccggtca taatagtttc attgattgga gtgcaacatg 1080
cgaaggccag ttttccagcg catactgt 1108

```

```

<210> 2391
<211> 935
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (177)...(632)
<223> similar to gi3878402 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2391
gaacatttaa aatagatatt cccccagttc ttctgggcta cagtaaggag cgaaatatga 60
ttcttgagcg gggttttgat tctgtccgaa gcttaagtga aggctcctac attaccctct 120
ttattaccat tgagccccag ctgggttcctg gagagtccat tcgagaaaag tttgagtctc 180
aggaagatga gaaattactt caagcaactg agaagtttca agctgaatgt gccttaaagt 240
ttccaaatcg tcagtgcctt acaacagtaa ttgatataag cggaaaaact gtttttatca 300
cacgttatct caaaccttta aaccctcctc aggagctcct taatgtctac cccaataatc 360
tacaggcaac tgcagaactg gtggctcgat atgtgtcctt gattcccttc ttgcctgaca 420
ctgtctcatt tgggtggtatc tgtgacctct ggagcacatc tgatcaattt cttgatctcc 480
tggcagggga tgaagaagaa catgcagtac tatttgttaa ttactttctg tctctgggta 540
agaaggcctg gctgttgatg ggcaatgcta ttcctgaggt aagaccacat aggtgcctt 600
taacagagga gtatagttgt ctaatcgagt tgtgtgttcc agatcacaca caggacatat 660
tttcataacg atccttttggg ttgctaggaa agtggccac agatgccgta acgggcagag 720
agaactacca gtgataagac atgaaatggg tttcagtggt cctcagggcc ccatgcaaca 780
cttcagatta ttttttggca aaccggaacc ctttaccatc caaagccccc acctagctct 840
gtccttttag tatgggcctc ttcccagcca tgttcccaag aattcagatt cccttaatga 900
tgtggtagtc ttcatgcttt gcaatgaaga ggatc 935

```

<210> 2392

<211> 860
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (8)...(859)
 <223> similar to gi3978171 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2392
 tgcgaccacc aggatccgac tcagtggggg ccgcagccaa catgaggggc gagtcgaggt 60
 gcaaataggg ggacctgggc cccttcgctg gggcctcatc tgtggggatg actgggggac 120
 cctggaggcc atggtggcct gtaggcaact gggctctgggc tacgccaacc acggcctgca 180
 ggagacctgg tactgggact ctgggaatat aacagagggt gtgatgagtg gagtgcgctg 240
 cacagggact gagctgtccc tggatcagtg tgcccatcat ggcacccaca tcacctgcaa 300
 gaggacaggg acccgcttca ctgctggagt catctgttct gagactgcat cagatctgtt 360
 gctgcactca gcactgggtgc aggagaccgc ctacatcgaa gaccggcccc tgcatatgtt 420
 gtactgtgct gcggaagaga actgcctggc cagctcagcc cgctcagcca actggcccta 480
 tggtcaccgg cgtctgctcc gattctcctc ccagatccac aacctgggac gagctgactt 540
 caggcccaag gctgggcgcc actcctgggt gtggcacgag tgccatgggc attaccacag 600
 catggacttc ttcaactcact atgatatcct caccctcaat ggcaccaagg tggctgaggg 660
 ccacaaagct agtttctgtc tcgaagacac tgagtgtcag gaggatgtct ccaagcggta 720
 tgagtgtgcc aactttggag agcaaggcat cactgtgggt tgctgggatc tctaccggca 780
 tgacattgac tgtcagtgga ttgacatcac ggatgtgaag ccaggaaact acattctgca 840
 tgggtgtcatc aacccaactt 860

<210> 2393
 <211> 456
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (96)...(459)
 <223> similar to gi571480 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2393
 cacggcgtcg ggggaaaaag ctacgggtgga ggggcataaa gccgcggtgg cgaggtcaaa 60
 tagccgcaaa aagccgcggc ggcggggggg aaaagccgca aaaagcagcg gcggcggggg 120
 caaaaagccg cagcggcaaa aagcctcagc ggcgggggca aaaagccacg cccgggggaa 180
 aaagccgcag cggcaggggc aaaaagccac ggcggcaggg agcaaaaacc cgcgggggta 240
 ggcgcaaaaa gccgcggcgg ggggttaaaa agccgcgtca gcaaaaaccg cggcggcggg 300
 cgcaaaaagc cgcggcgggg gcaaaaagcc gcaaaaacc caaggcggca aaaagcctcg 360
 gcggcggggg gtgggggggg tgcaaaaac cgcgagaggt ggggcaaaaa accgcggtgt 420
 cgggggaaaa agccatggcc gcggcgggca aaaccc 456

<210> 2394
 <211> 682
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (14)...(648)
 <223> similar to gi6002669 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2394
 cccacgcgtt cgtggacaag tatttgtttc tgaagctctc tatggaccca agttgagcca 60
 ccttaacaat gtattggtgt ttgctccatc accctcaagc cagtgtata agccctggga 120
 aggtcaactg ggagaatgtg cgcagtggtc taagtggact ggcgaggagg ttggtgatgc 180
 agctggggaa ataactactg cctctcaaca tggggaaatg gtatttgtga gtggggaagc 240
 cgtgtctgct tattcttcag caatgagact gaaaagtgtg tatcgtgctt tgcttctctt 300
 aaattcccaa actctgctag ttgttgatca tattgagagg caagaagatt cccaataaaa 360
 ttctgtcagt gccttctttc ataatttgga tattgatttt aaatatatcc catataagtt 420
 tatgaatagg tataatggtg ccatgatgga tgtgtgggat gcacattaca aaatgttttg 480
 gtttgatcat catggcaata gtcccatggc cagtatacag gaagcagagc aagctgctga 540
 atttaaaaaa cgatggactc aatttggtta tggtactttt cagatggaat ccacaatcac 600
 aagaattgca tatgtctttt atgggccata tatcaatgtc tccagctgca gatttattga 660
 tagttccaat cctggacttc ag 682

<210> 2395
 <211> 518
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(521)
 <223> similar to gi4062983 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2395
 cctacaacca gcagagtacc ctggaggagc acaaggagcg gtgccataac tacctacaga 60
 gtctcagcac tgaagcccaa gctttggctg gccaaccagg tgacgaaata cgtgacctgg 120
 agatggtgcc agactccatg ctgcactcat cctctgagcg gccaactttc atcgatcgtc 180
 tggccaatag cctcaccaaa cgcaagcggt ccacacccca gaagtttgta ggcgaaaagc 240
 agatgcgctt cagcctctca gacctccct atgatgtgaa ctcggtggc tatgaaaagg 300

atgtggagtt	ggtggcacac	cacagcctag	agcctggctt	tggaagttcc	ctggcctttg	360
tgggtgcaga	gcatctgcgt	ccccccgcc	ttccaccac	caattgcatc	tcagaactca	420
cgctgtcat	cagctctgtc	tacaccaga	tgcagccct	ccctggtcga	ctggagcttc	480
caggatccc	agaagcaggt	gagggacctg	aggacctg			518

<210> 2396

<211> 491

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (104)...(277)

<223> similar to gi2563999 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2396

atgggtcag	tgagtcacat	tgggaacgtg	actccagggt	ggaagatgaa	cccagcctct	60
ggcctctgg	cccagctctg	acatggcctg	tgtcctccaa	ccccggccag	ggcctgtgag	120
ggtgactgc	atccaggggg	acgtgacca	ggcccatgag	gtggcagcag	ctgtggccgg	180
agcccatgtg	gtcatccaca	cggctgggct	ggtagacgtg	tttggcaggg	ccagtcccaa	240
gaccatccat	gaggtcaacg	tgcaggggtg	ggagctctgg	acactcctgg	ccatcttgcc	300
tgtttgttcc	ccaetctgtc	tttggccttg	acctccgggtg	actcccctgg	gacaagttgt	360
cctattgaca	gccctgcccc	cgctccct	gacctgtcat	ggttttccct	ggacctggga	420
tggggaggag	gaagatgcag	agagggaaga	agctgcagct	tggatacgcc	acgaaatcgt	480
cgacccggga	a					491

<210> 2397

<211> 436

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (76)...(431)

<223> similar to gi3878739 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2397

tttcgtggga	ggaggaggag	gccccgtcgc	ggttcttcgc	cgtcgccaac	ggggctgtcc	60
ctgtagctcc	cgatggagtt	tttagggcca	gctatgc'aag	aagaggcctt	gaagctggtg	120
ttactggcat	tagaagatgg	ttctgccttc	tcaaggaaag	ttctggtact	ttttgttggtg	180
cagagactag	aaccaagatt	tcctcaggca	tcaaaacaa	gtattggtca	tgttggtgcaa	240

ctactgtatc	gagcttcttg	ttttaagggt	acaaaaagag	atgaagactc	ttccctaattg	300
cagctgaagg	aggaatttcg	gagttatgaa	gcattacgca	gagaacatga	tgcccaaatt	360
gttcatattg	ccatggaagc	aggactccgt	atttcacctg	aacagtgggc	ctctcttttg	420
tatggtgatt	tggcctt					436

```

<210> 2398
<211> 471
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(456)
<223> similar to gi2827162 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2398						
tttcgtgcga	gagtctgggc	accgtccccg	agcacgagcg	gatcttgacg	gagatcgaga	60
gcaccgacac	cgctgtgtg	gggccacccc	tccggtctgt	gtatgatgac	caaccaaattg	120
cgcacaagaa	gtttatggaa	aagttagatg	cttgatcccg	taatcatgac	aaggaaattg	180
aaaagatgtg	taattttcat	catcagggtt	ttgtagatgc	tattacagaa	ctccttaaag	240
taaggactga	tgcggaaaaa	ctgaagggtg	aagttactga	taccaaccga	aggtttcaag	300
atgctggaaa	agagggtgata	gtccacacag	aagatatcat	tcgatgtaga	attcagcaga	360
gaaatattac	aactgtagta	gaaaaattgc	agttatgcct	tcctgtgcta	gaaatgtaca	420
gtaagctgaa	agaacagatg	agtgccaaaa	ggtgagttgg	tttttttcct	a	471

```

<210> 2399
<211> 474
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (15)...(474)
<223> similar to gi3834631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2399						
tttcgtctag	aagccggctg	tcggtctccg	tgtcgccgcc	gccgcccggc	atcgtggagc	60
tggggccccc	ttttgcctgg	gagttttgta	gtcgccctagg	gtcagcgggtg	acatcccaaa	120
gggcaggccc	ggcagccgcc	atggtggcca	aggattaccc	cttctacctc	acggtcaaga	180
gagcgaactg	cagcctggag	ctacctccgg	ccagcgggtcc	ggccaaggac	gctgaggagc	240
ctagtaataa	acgggtcaaa	cccctttccc	gagtcacgtc	gctagcaaac	ctcatcccgc	300

ccgtgaaggc	cacgccatta	aagcgcttca	gtcaaaccct	gcagcgctcc	attagcttcc	360
gcagtgaag	ccgccctgac	atcctcgccc	cccgaccctg	gtccagaaat	gccgccccct	420
cgagcacgaa	acggagagat	agcaagctgt	ggagtgaag	cttcgatgtg	tgcg	474

<210> 2400

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature .

<222> (22)...(713)

<223> similar to gil665789 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2400

cccgggtcga	cgatttcgtg	cgcaaattggc	gttgagatgg	ttcagggccc	tgttcaaact	60
ccagcactga	ccattcaccg	gcggaagcgg	cggcgcagga	ggcggcggcg	gcccagcggg	120
ggcacacagc	aggtctgtt	accagctcca	gcagtggcgg	ccaaagcacc	cgccaggctc	180
cgaggagaat	atgaaactgg	ggtcaaaatg	acatccagat	ttgggaaaac	atacagtagg	240
aaaggtggaa	atggcagttc	aaaattcgat	gaagtctttt	ccaacaaacg	gactaccctt	300
agcacaaaat	ggggagagac	cacatttatg	gctaaattag	ggcagaagag	gcccattttc	360
aaaccagata	tccaagaaat	tccgaagaaa	cctaaagtgg	aagaagaaag	tactggagat	420
ccttttgat	ttgatagtga	tgatgagtct	ctaccagttt	cttcaaagaa	tttagcccag	480
gttaagtgtt	cctcttattc	agaatctagt	gaagctgctc	agttggaaga	ggtcacttca	540
gtacttgaag	ctaatagcaa	aattagtcac	gtggtcattg	aagacactgt	cgtttctgat	600
aaatgcttcc	ctttggagga	cactttactt	gggaaagaaa	agagcacaaa	ccgaattgta	660
gaagatgatg	caagcataag	tagctgtaat	aaattaataa	cttcaggtaa	gttttgattt	720
tctttattct	ccgccaagag	agctttgtgc	aacc			754

<210> 2401

<211> 621

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (47)...(608)

<223> similar to gi437639 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2401

tttcgtgact	gtagtcagcc	cttagtggat	gagagcgcct	atgcttcaga	aacagcaggc	60
------------	------------	------------	------------	------------	------------	----

[illegible]

```
<220>
<221> misc_feature
<222> (1)...(855)
<223> similar to gi5441615 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<220>  
<221> misc feature
```

<222> (2)...(431)
 <223> similar to gi512485 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2403

gtgccgcgtg	tgctgcagcc	tgggcagctt	ctatgcccag	gtcaaggact	acgagaaagc	60
cctgttcttc	ccctgcaagg	cggcagagct	tgtcaacaac	tatggcaaag	gctggagcct	120
gaagtaccgg	gccatgagcc	agtaccacat	ggccgtggcc	tatcgccctg	tgggccgcct	180
gggcagtgcc	atggagtgtt	gtgaggagtc	tatgaagatc	gcgctgcagc	acggggaccg	240
gccactgcag	gcgctctgcc	tgctctgctt	cgctgacatc	caccggagcc	gtggggacct	300
gcagacagcc	ttccccaggt	acgactccgc	catgagcatc	atgaccgaga	tcggaaaccg	360
cctggggcag	gtgcaggcgc	tgctgggtgt	ggccaagtgc	tgggtggcca	ggaaggcgct	420
ggacaagggt	aggtcggggc	tttcccacag	cctccagccc	tcccagcact	ccccacttgg	480
ggccagtagg	ttagccggtc	ctttcagcca	ctttgtctga	cgtcagcctc	accctgatcc	540
tacgaggcca	ggacattcct	ggtcattttc	caggctcaga	gaaggcccat	cacttgccct	600
aggacccaca	gctagtaaag	ggctggaacc	ctgggtaaac	tgaggcagga	ggtcacttgc	660
ccacacagcc	cctatgactg	tgccctagtc	tcttcctgct	gc		702

<210> 2404
 <211> 397
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (261)...(400)
 <223> similar to gi3882269 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2404

ctgatcgctg	ctgccctgct	ctcctcctcc	tctcattcct	ctgcctcctg	gattcctgaa	60
gtttaggaga	aataaggtag	ccaagggaac	cacatggaag	ttgtgacagc	tcccagcggc	120
gcgccccttt	cgtgtgtgcc	ggtacctcgg	cttaggagtt	gcccgttgac	accttgaatg	180
aaggaggtcc	ccttgccagc	cagcctgccg	ggatgggcca	ttgctgctgc	aagccttata	240
actgccttca	gtgcctggac	aagacgaatg	aaagtgccct	tgtgaaagaa	aaagagctgt	300
caatcgaact	tgcaaacatc	agggatgaag	ttgccttcca	tacagcaaag	tcgagaaaac	360
tacaaaagga	gaaggaggag	ctggagaggc	ggttcgg			397

<210> 2405
 <211> 1283
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (151)...(1128)
 <223> similar to gi5724778 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2405

aacgagtttta	cccgccgcaa	gcattcttgaa	ctgacagcca	cgatgcaggt	tgaagaagcc	60
accggtcagg	ctgcggggccg	tcgtcgggga	aacgtggtgc	gaaggggtgtt	tggccgcac	120
cggcgctttt	tcagtcgcag	gcggaatgag	cccaccttgc	cccgggagtt	caactcgccgt	180
gggcgctcgag	gtgcagtgct	tgtggatagt	ctggctgagc	tggaagacgg	agccctgctg	240
ctgcagaccc	tgcagctttc	aaaaatttcc	tttccaattg	gccaacgact	tctgggatcc	300
aaaaggaaga	tgagtctcaa	tccgattgctg	aaacaaatcc	cccagggtgt	tgaggcttgc	360
tgccaattca	ttgaaaaaca	tggcttaagc	gcagtgggga	ttttaccct	tgaatactcc	420
gtgcagcgag	tgcgtcagct	ccgtgaagaa	tttgatcaag	gtctggatgt	agtgtctggat	480
gacaatcaga	atgtgcatga	tgtggctgca	ctcctcaagg	agtttttccg	tgacatgaag	540
gattctctgc	tgccagatga	tctgtacatg	tcattcctcc	tgacagcaac	tttaaagccc	600
caggatcagc	tttctgccct	gcagttgctg	gtctacctga	tgccaccctg	ccacagtgat	660
accctggagc	gtctgctgaa	ggccctgcat	aaaatcactg	agaactgcga	ggactcaatt	720
ggcattgatg	gacagttggt	cccaggcaac	cgtatgactt	ccactaactt	ggccttggtg	780
tttgatctg	ctctcctgaa	aaaaggaaaag	tttggaaga	gagagtccag	gaaaacaaag	840
ctggggattg	atcactatgt	tgttctgtc	aatgtggtcc	gtgccatgat	tgataactgg	900
gatgtcctct	tccaggtgcc	tccccatatt	cagaggcagg	ttgctaagcg	cgtgtggaag	960
tccagcccgg	aagcacttga	ttttatcaga	cgcaggaact	tgaggaagat	ccagagtgc	1020
cgcataaaga	tggaagagga	tgcactactt	tctgatccag	tggaacctc	tgtgaagcc	1080
cgggctgctg	tccttgctca	aagcaagcct	tctgatgaag	gttcctctga	ggagccagct	1140
gtgccttccg	gcactgcccg	ttcccatgac	gatgaggaag	gagcgggtaa	ccctccatt	1200
ccggagcaag	accgcccatt	gtccgtgtg	ccccgggaga	aggaggccaa	aactggcgctc	1260
agctacttct	ttccttagat	gtt				1283

<210> 2406
 <211> 914
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (10)...(915)
 <223> similar to gi3986768 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2406

cctttctagg	gaccagggaa	ggaaaccttg	gagagcgctc	tcacgcacct	cgactcggaa	60
aaacccaaga	agcttcgctt	ccacccaaag	cagctgtact	tctccgccag	gcaaggggag	120
cttcagaagg	tgctcctcat	gctggtggac	ggaattgacc	ccaacttcaa	aatggagcac	180
cagaataagc	gctctccact	gcacgcccg	gcagaggctg	gacacgtgga	catctgccac	240
atgctggttc	aggcgggcgc	taatattgac	acctgctcag	aagaccagag	gaccccggtg	300

atggaagcag	ccgaaaacaa	ccatctggaa	gcagtgaagt	acctcatcaa	ggctggggcc	360
ctggtggatc	ccaaggacgc	agagggctct	acgtgtttgc	acctggctgc	caagaaaggc	420
cactacgaag	tgggccagta	cctgctttca	aatggacaga	tggacgtcaa	ctgtcaggat	480
gacggaggct	ggacacccat	gatctggggc	acagagtaca	agcacgtgga	cctcgtgaag	540
ctgctgctgt	ccaagggctc	tgacatcaac	atccgagaca	acgaggagaa	catttgcctg	600
cactgggcgg	cgttctccgg	ctgcgtggac	atagccgaga	tcctgctggc	tgccaagtgc	660
gacctccacg	ccgtgaacat	ccacggagac	tcgccactgc	acattgccgc	ccgggagaac	720
cgctacgact	gtgtcgtcct	ctttctttct	cgggattcag	atgtcccctt	aaagaacaag	780
gaaggagaga	cgcccctgca	gtgtgcgagc	ctcaactctc	aggtgtggag	cgctctgcag	840
atgagcaagg	ctctgcagga	ctcggccccc	gacaggccca	gccccgtgga	gaggatagtg	900
agcagggaca	tcgc					914

<210> 2407
 <211> 484
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(444)
 <223> similar to gil065457 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2407						
aagggatctt	gctattggcc	tccggctgaa	attgggggat	tggtttagag	tactccagct	60
gctgaaaaact	ggatctggtg	atgcagatga	cagtctcctg	gaacaagcca	acaatgccat	120
tggagactac	tttgctgata	gacaaaagtg	gttgaatgct	gtacaatatt	atgtacaagg	180
acggaaccag	gaacgcttag	ctgaatgtta	ctatatgtta	gaggattatg	aggggttaga	240
gaaccttgcc	atttcacttc	cagaaaacca	caagttactt	ccagaaatag	cacaaatggt	300
tgtagagagtt	ggaatgtgtg	aacaagcagt	gactgcattt	ttgaaatgta	gtcaacccaaa	360
ggcagcagta	gatacctgcg	tacatctcaa	ccaatggaac	aaagctgttg	aattggctaa	420
aaatcatagt	atgaaagaaa	ttggatctct	gttagctagg	tatgcatctc	atttactgga	480
aaag						484

<210> 2408
 <211> 467
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (143)...(469)
 <223> similar to gi930123 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters


```

<400> 2414
ctctcgctg agaagccttg atataagggtg tattcgcgagc ttaaatgggtt gtagagttac    60
tgatgaaatt ttgcatttag tgccaaataa agaaactttt agactcacc taagagctgt    120
caaattatgg gcaaaacgac gtgggtattta ttccaacatg ctaggattcc ttggtggtgt    180
ctcctgggca atgctagtgt caagaacttg ccaattgtat ccaaatgcag cagcatctac    240
tttagttcat aagttctttt tagttttttc caagtgggaa tggccaaatc ctgtgctgct    300
gaagcaacca gaagaaagca atttgaattt gcctgtctgg gatcctcggg taaatccatc    360
agataggtat catctcatgc ccataatcac ccctgcctac ccacaacaga attctacgta    420
taatgtgtcc acatcaactc gaacagtaat ggtagaagaa tttaaacaag gtcttgagc    480
cacagatgaa attcttcaag gaaagtcaga ttggtccaaa ctacttgagc caccgaat    540
ctttcaaaag tatagacatt atatagtatt gactgccagc gcatcaacag aagaaaacca    600
tctagagtgg gttggattag tagaatctaa aatccgtgta cttgttgga acttggaa    660
gaatgaat    attactcttg cccatgtgaa tccccagtc tccccaggga ataaggaaca    720
tcataaagac aacaattacg tatcaatgtg gtccttggga tattttt    766

```

```

<210> 2415
<211> 1518
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1519)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (108)...(1188)
<223> similar to gi5911290 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2415
cttctggacc taggactttg aacatgtcgc gcctgaagcg gatagcgggg caggatctcc    60
gcgctggttt caaagcaggt ggaagagact gcggtacctc ggtaccccaa gggctgttga    120
aggcagcgag gaagagcggc cagttaaacc tgctgggtag aaacctcagt gaagtgccgc    180
agtgtgtctg gagaataaat gtggatatcc ctgaggaagc taatcagaat ctttcgtttg    240
gtgctactga aagatgggtg gagcagacag atttgaccaa actaataata tcaaacaata    300
aacttcagtc acttacagat gacctgcgac tcttgacctg actgactgtt cttgatatac    360
atgataatca gttgacatcc cttccttctg ctataagaga gctagaaaat cttcagaaac    420
ttaatgtcag ccataataaa ctgaaaatac tccctgaaga aattacaaac ctaagaaacc    480
tgaagtgcct gtatctccag cataatgaat taacctgcat atcagaggga tttgaacaac    540
tttccaat    agaagattta gatctttcaa acaatcatct tacaactntt cctgctagat    600
tatcttctct gtccagtctg gtgcgactca atctttctag taatgaactg aagagtttgc    660
cagcagaaat aaatagaatg aaaaggttga agcatttgga ttgtaattca aatctcttgg    720
aaactatacc tcttgaattg gctggcatgg aatcactaga attgctttat ttgcggagga    780
ataaattacg ttttctacca gaatttcctt cttgtagtct attgaaggaa ttgcacgtag    840
gtgaaaacca gattgaaatg ttagaggcag aacatcttaa acatctgaat tcaattcttg    900
tgctagacct gagggataac aagttaaaat ctgttcaga tgaaattata ctactacggt    960
ccttggaag   gcttgacct   agcaacaatg atattagtag tcttcctat   tcattgggga   1020

```

```

accttcattt gaaatTTTTg gcattagaag gaaatccttt gagaacaatt cgaagagaaa 1080
ttataagtaa aggaacacaa gaagtcctaa aatatctacg aagcaagatc aaagatgatg 1140
gacctagcca aagtgagtct gctactgaga ctgccatgac actaccaagt gaatccagag 1200
tcaatataca tgccatcatt acattaaaaa tattagacta taggtatgta atttattatt 1260
atttttattt ttatagagat agggctcttac tgtgttgccc aggctgggtct tgagcttctt 1320
gggctcaagc catcctcctg ctttggcctc tcaaagtgcct aggattatag gcttgagcta 1380
ccatgcttgg cctaatttat ttttttttaa aacattacca aacacatagg aaacttttca 1440
gaaagaaacc cttcagtaaa aaggacaatt gatgaggaaa aattcatcag agtacttgac 1500
ttagagtaat aataattg                                     1518

```

```

<210> 2416
<211> 376
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (200)...(378)
<223> similar to gi2981631 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2416
tggacagatc agatcatcca gacaaaatta acgaagaaac atcaaactta atctgcactg      60
tagaccaaat ggatttaata gatatttcta gaacatttca tctgatggct gcagaattta    120
cattgttctc ttttagcacat ggatcgctcct caaggttaga ccatatgtta ggccacaaaa    180
taagtcatta aaaattgaaa ccttgatact agaagcagac accgacacgt caaagaaaga    240
atactacagg ccaatgtctc tgatgaatat tgatgcagat atcctcaaca aaatactagc    300
aaaccagatt cagcaatacg ttataaagat cgttcattgt gatgaagtgg ggtttatccc    360
tggggtacaa ggatgg                                     376

```

```

<210> 2417
<211> 394
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (394)...(2)
<223> similar to gil049301 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2417
cgccgtgtttc ctcagagcca ctttttcctt tgtgttgtct ggctcgttcac tactttgagg      60

```

gaaaagaatt	ttgccgttcg	cgttcgattg	actccgtccc	caagatcctg	tagccccacg	120
gacctggcga	ctccaccgtg	ttcgggtctt	tctaggaacc	caatctgcct	tcatgaagaa	180
aagacagagg	cagaaaggaa	gatggcttac	tgctgacaa	attgttatca	gtactccgtg	240
acctttgagg	atacagctgt	ggacttcacc	caggaggagt	ggattttact	ggaccagtt	300
cagagaaact	tatacagaga	tgtgatgctg	gagaattatg	agaacgtggc	caaagtagga	360
tttcagctct	ttaaaccacg	tgtcatctct	tggg			394

```

<210> 2418
<211> 473
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (114)...(359)
<223> similar to gi213020 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2418						
aacgggaaat	ggcggaaaccg	ggcggcgcg	cgggccggtg	agccggggccg	aggggcagcg	60
ggtcttgag	tgcgcaggcc	gcgctctccg	ttcaccgctc	caggtcccat	ccggaagatg	120
gatcggttc	tgagggagag	aaggaaggga	ataatgaaag	ccacatggtg	tcaccaccag	180
agaaggatga	tggccagaaa	ggtgaagaag	ctgtcggtag	cacagagcat	cctgaggaag	240
tcacaacca	agcgggaagct	gcaattgaag	agggggagggt	cgagacagaa	ggggaagcac	300
cagtggaaag	ggaagaggag	gctgtgtcct	atggagatgc	tgaaagcgaa	gaggaatatt	360
actatacaga	aacttcatcc	ccggaagggc	aaatcagtgc	tgcagatacg	acttaccggt	420
atttcagtcc	tcctcaggaa	ctgcctggag	aggaggcata	cgatagtgtt	agc	473

```

<210> 2419
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(643)
<223> similar to gi3628757 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2419						
cccatgggct	gtgttacata	gagacagcag	aacttgatgg	cgagaccaac	atgaaagtac	60
gtcaggcgat	tccagtcacc	tcagaattgg	gagacatcag	taagcttgcc	aagtttgacg	120
gtgaagtgat	ctgtgaacct	cccaacaaca	aactggacaa	attcagcgga	accctctact	180

ggaaggaaaa	taagttccct	ctgagcaacc	agaacatgct	gctgcggggc	tgtgtgctgc	240
gaaacaccga	gtggtgcttc	gggctggtca	tctttgcagg	tcccgacact	aagctgatgc	300
aaaacagcgg	cagaacaaag	ttcaaaagaa	cgagtatcga	tcgcctaata	aataccctgg	360
tgctctggat	ttttggattc	ctggtttgca	tgggggtgat	cctggccatt	ggcaatgcca	420
tctgggagca	cgaggtgggg	atgcgtttcc	aggtctacct	gccgtgggat	gaggcagtgg	480
acagtgcctt	cttctctggc	ttcctctcct	tctggctcta	catcatcatc	ctcaacaccg	540
ttgtgcccac	ttcactctat	gtcaggtatg	tgccttctct	gacctggggg	ctctccaggg	600
agtcaggcgg	tcccatagaa	cttttctttt	ctatgaagat	gaagtccttg	agaagtaacg	660
agaagtcctc	ttcttcctgt	actgtaaaca	tttgatgtta	tctgtttatc	tttgtgggca	720
gagcaaaact	tttaccacag	tttcctggta	cttggggactg	tattagagaa	aaaaaaaaaa	780
aagg						784

```

<210> 2420
<211> 1164
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(1018)
<223> similar to gi3874927 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2420						
agcaagtctg	aagttttaca	ggaatctatt	agaaaacaaa	gtgtcaatta	tttcaagaat	60
taccatagaa	cacggctcga	tgaactgaga	atgttcttag	agaatgagac	ttgggaactt	120
tgctctgtta	agtcaaattt	cagcatcttg	caacttcatg	aatttaaatt	catggaacag	180
tctcgctccc	catcagtttc	acctagtaaa	cagccagtct	caacttcttc	aaaaacagtg	240
accttgtttg	agcagtactg	tagtggtggg	aatccatttg	aaattcaggc	caaccacaaa	300
gatgaagaaa	cagaagatgt	cttagcttct	aatgggtatg	aatctgatga	acaagaaaag	360
agtgccatc	aagagtatga	cagtgcagct	gatgttcttg	aggaactcaa	acgagactat	420
gtggatgagc	agacaggaga	tggtcctgtg	aaaagtgttt	ctcgggaaac	tctaaaaagc	480
aggaagaaat	cagattacag	tctaaataaa	gtgaatgcac	ctatcttaac	aaatacaaca	540
ttgaacgtca	taagacttgt	tggaaaatat	atgcagatga	tgaacattct	taagccaatt	600
gcctttgatg	ttattcattt	catgtctcaa	ctatttgatt	attacttgta	tgcaatatat	660
accttttttg	gtcggaatga	ttcattggaa	tcaactggac	tcggccttag	tagtagtaga	720
ctaagaacaa	ctctaaacag	aatacaagaa	agccttattg	atctagaagt	ttcagctgat	780
cctactgcca	cactcacagc	agcagaagaa	agaaaggaga	aggtgccaa	tccacacctc	840
agtcacctag	tggttttgac	atctggggat	acgttgatg	ggttggcaga	aagagtggta	900
gccacggaat	ccttggtatt	cttggctgaa	cagtttgagt	tccttcagcc	acatctggat	960
gctgtgatgc	ctgcagtc	aaagcccttt	cttcagcagt	tctattctca	gacagtctca	1020
accgccagtg	gaactacgga	aaccaattta	ctgggattgt	aggctgggta	aagccctttg	1080
attatggaac	agatggcttg	cttctgcatg	ggctaattgg	ggaaatgggg	atggtaaaag	1140
gaattattgt	tcacagcaca	acat				1164

```
<210> 2421
```

044372-01.00

<400>	2421						
tttagc	tttcaacatt	tattctttat	tttgttcccc	caaacctacc	tgtctctctc		60
ctcttt	ctttggttcc	ctaatttaat	gttaccaaca	actcatggat	attaattttca		120
gtttga	atgctatttg	atactctggg	ctttgagaga	aggcctacat	aagtcaagcc		180
tgccg	gcagcctggc	agctgtgttt	tactgatgtc	ttttagagac	agacatcctg		240
tgacta	aatgtccaaa	ggggatctat	agttaactct	atttttaaaa	gttactgagg		300
catca	taaaaacaac	aataaaaaata	cttcttttag	gctgtttttt	taggttaagt		360
ctaaaa	aatgatgggt	ccaggttgat	ttgtttggtg	gtttttgtgca	cacagatatt		420
aaagag	aacttgagca	aggggactcc	cctacctgtc	actcctgaga	tgagcagagt		480
ctcaat	caagaaaaact	ttagctcggt	atttgggaga	aagctcttta	actccatatt		540
ataaat	aatttctaca	aaacagaaca	tctactgtt	catcccttta	taataatcaa		600
acaaaa	tcttttttta	atcacatcaa	ctgaatcctt	ctgttttcca	gatctcctac		660
catttg	attctaacaa	a					681

```
<210> 2422
<211> 756
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(757)
<223> similar to gi37195 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1428


```

tttggttaaag gtgtgagaga agtctatgac tattactgcc gtagaaccat gaagaaaatt 720
aagcgcagaa cagacacaat gagactcctg gaaagg 756

```

```

<210> 2423
<211> 423
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(424)
<223> similar to gil212992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2423
accaagtgca acaagaaaac attaacggat ctgcggctca gggtaactgg tcttaccgaa 60
ggccattcct atgaattcag agttgctgct gaaaatgcag ctggtgtggg agaacctagt 120
gagccatctg ttttctaccg tgcgtgtgat gccttgtatc caccagggtcc cccaagcaat 180
ccaaaagtga cggacacttc cagatcttct gtctccctgg catggagtaa gccaatttat 240
gatggtggcg cacctgttaa aggctatggt gtagagggtca aagaagctgc tgcggatgaa 300
tggacaacct gcactccacc aacaggatta caaggaaagc agttcacagt gaccaagctt 360
aaagaaaaca ctgaatataa cttccgtatt tgtgccatca attctgaagg tgtaggtgaa 420
cct 423

```

```

<210> 2424
<211> 516
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (3)...(519)
<223> similar to gil017427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2424
caccagctaa agtgactgaa ttcagaaaaa gagtgggttaa agaagaaaaa gtatcaattg 60
aagctccaaa aagagaacct caaccatca aagaagtaac tataatggaa gagaaagaaa 120
gggcttatac cctagaagaa gaagctgttt cagtacaacg ggaagaagaa tatgaggaat 180
atgaagaata tgattataaa gaatttgagg agtatgaacc aacagaagaa tatgaccaat 240
atgaagaata cgaggagcgg gagtatgaac gatatgaaga gcatgaagaa tacatcacag 300
aaccagagaa gcctatccct gtaaagcctg tcccagaaga accagttccc acaaaaccaa 360
aggccccacc ggctaaagtg ctgaagaaag ctgtccctga agaaaaagta ccagtgccca 420

```

```

ttcctaagaa actcaaacct ccaccacca aagtgcctga agaaccaaag aaagtttttg 480
aggaaaaaat acatattttca attaccaaaa aaaaaa 516

```

```

<210> 2425
<211> 1272
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (210)...(495)
<223> similar to gi3372657 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2425
ctgaaaggcc ttctctgcct ttgcttatct tgcagtcttc atagtgaaga tgggtattga 60
aaattgtagt agcctgatag gggaaactaag atttaaggga tctacttttg gtttaatcta 120
cggactactg tattgcataa tagatctgat tcttgagtat cttttcagac tctagcagac 180
atgtatctga aacctattct tgttttccag aaatatcttc agagccagga gatgatgatg 240
aaccacaga aggaagcttt gagggacacc aagctttcgt aaatgcaatt cagatatttg 300
ggaacttgct atatacctgt tcagcagata aaactgttcg ggtttataat ctggtgagtc 360
ggaaatgtat tgggtgtcttt gagggtcata cctccaaagt taactgcctc ctggttactc 420
agacctccgg gaagaatgct gccctttaca ccgggtccag tgaccatacc atccgctgct 480
ataatgttaa ggtaggtggg tccagagaaa tccaaagtgg ttcattattga gtcgcctttg 540
tatttactgt gtggagtggg gacactgtgg cagacgcttc attctacca ccatctcctt 600
tttgcttcta aacaatgttt agcacattgt tgtagcccta ggtagatatg agacttacac 660
ataaaccata ttttctgtct ctctccacca gtattttttc acttcctact attaataata 720
taccttcctt ggtctttgcc ataaatgtta tgcatatcat atgtcaaac taatcctaga 780
tagaataaag agaaaaatgt aggccgggct cagtggctca cgctgtaat ccagcactt 840
tgaggaggcc aggtgggtgg atcacctgag gtcgggagtt tgagaccagc ctgaccaaca 900
tgagaaaacc ctgtctctac taaaaataca aaattagccg ggcattggtg cgggcgcctg 960
taatcccagc tactagggag gctgaggcag gagaatcgct tgaacccggg aggcggaggt 1020
tgaggtgagc tgagatcgcg ccattgcact ctagcctggg caccaagagc gaaactccgt 1080
ctcaaaaaaa taaataaata aataaaaaata aaaataaaaa taacgaagcg ttactccaga 1140
ccattcccag gatgcctcat gcacattagg ggtgccacca tccagttctg gtggttggtg 1200
ggaacgggaa tgtgtgtgta aagaggtctg gccccacttg ggcagggaaat gagtagggaa 1260
ggagctgtcc tt 1272

```

```

<210> 2426
<211> 652
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(654)

```

<223> similar to gil212992 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2426

cggacgcgtg	ggaggatgtg	aatatgaata	tcgtgtttat	gcagaaaatg	ctgctggcct	60
aagtcttcca	agtgaaacct	ctcccttaat	tagggcagaa	gatccagtgt	tcctaccatc	120
tcctccatcc	aaacccaaaa	ttgtggactc	aggcaagaca	actataacta	ttgcctgggt	180
taagccgctg	tttgatggtg	gggccccgat	aactggatat	actgtagaat	acaaaaaatc	240
tgatgacact	gactggaaaa	cttccattca	gagcttacga	gggacagaat	atacaataag	300
cggactaaca	acaggagctg	aatatgtttt	cagagtaaaa	tctgtcaata	aggttggtgc	360
tagtgacccc	agtgatagct	ctgaccctca	gatagcaaa	gaaagagaag	aagaaccttt	420
atgtgatatt	gacagcgaaa	tgaggaagac	cttgattgtc	aaggctggtg	cctcatttac	480
catgactgtg	cctttccgag	gaagaccagt	acccaatgtc	ttgtggagta	agccagacac	540
tgacctccgt	actagagctt	atgttgatac	cacagactct	cgtaacacac	tgaccattga	600
aatgccaac	agaaatgact	ctggaaaagta	cacattaaca	attcagaatg	tt	652

<210> 2427

<211> 1747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (16)...(1748)

<223> similar to gil017427 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2427

ggaattcccg	ggtcgacgat	ttcgtatgaa	gaccttgaaa	cttcagcaga	actcagaatc	60
gaagctgaac	caattcagtt	tacaaagcgc	atacagaaca	tcgtggtgag	tgagcatcag	120
tctgccacct	ttgagtgtga	agtgtccttt	gatgatgcc	ttgtaacatg	gtacaaagga	180
ccaacagaac	tgacagagag	ccagaaatac	aacttcagga	atgatggccg	ctgccattat	240
atgaccatcc	acaatgtgac	cccagacgat	gaaggtgtct	actcgggtcat	cgctcggctg	300
gagccaagag	gtgaagcaag	aagcacggca	gagctgtacc	taacgacgaa	agaaatcaaa	360
cttgagctga	agcctcctga	tattcctgac	tccagagttc	caatcccaac	catgcctatc	420
agagcagtg	caccagaaga	aatccctcct	gtggttgctc	ctcctatccc	ccttttgcta	480
ccaacacccg	aagaaaagaa	accaccacca	aaacgtattg	aagttacca	aaaggctgtg	540
aagaaagatg	ccaaaaaagt	tgttgcaaa	cccaagaga	tgacaccacg	tgaagagatt	600
gtcaagaagc	ctccacctcc	tactacctta	attccagcaa	aagctcctga	aatcattgat	660
gtatcctcta	aagctgaaga	agtaaaaata	atgactataa	ccagaaagaa	agaggttcag	720
aaagaaaaag	aagctgtgta	tgagaaaaag	caagcagttc	acaaggagaa	gagagtcttc	780
attgaatctt	tcgaagaacc	ttatgacgaa	ctggaggtag	aaccatacac	agagccattt	840
gaacaacctt	attatgaaga	accagatgaa	gactatgaag	agattaaggt	agaagctaaa	900
aaagaagttc	acgaggaatg	ggaagaagat	tttgaagaag	ggcaagaata	ctatgaaagg	960
gaagaaggct	atgacgaagg	ggaggaagag	tgggaagagg	cttaccaaga	aaggggaagta	1020
attcaagttc	aaaaggaggt	ctatgaagaa	tcacatgaga	gaaaagttcc	agccaaagta	1080
cctgaaaaga	aagcaccacc	acctcctaaa	gttataaaga	agccagtaat	tgaaaaaatt	1140

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gaaaagactt	ctcgaagaat	ggaggaagaa	aaagttcaag	tcaccaaagt	acctgaagtt	1200
tcaaagaaga	ttgttccaca	aaaaccttcc	cggactccag	tacaggaaga	agttattgaa	1260
gtgaaagtac	cagctgtgca	tacaaagaag	atgggtat	cagaagaaaa	gatgttcttt	1320
gcttctcaca	cagaggagga	ggtgtcagtc	acagtccccg	aggtacaaaa	ggaaattggt	1380
actgaagaga	aaattcacgt	tgccatttcc	aaaagggttg	aaccaccacc	taaagtccct	1440
gagctacctg	agaaaccagc	tccagaagaa	gtggcccctg	ttcctatccc	taaaaaagt	1500
gagccccag	caccaaagt	tcctgaggtt	ccaagaaac	ccgtgccaga	ggagaaaaag	1560
ccagttcctg	tgcctaagaa	ggaacctgct	gctcccccaa	aagtcccaga	ggtgccaaag	1620
aaacctgtcc	ctgaagaaaa	gattcccgtt	cctgttgcaa	agaaaaagga	agctccccca	1680
gctaaagttc	ctgaagtaca	gaagggagtt	gtgacagaag	aaaaaataac	cattgttaact	1740
caaagag						1747

<210> 2428
 <211> 484
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (4)...(428)
 <223> similar to gi4850182 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2428						
gattccagaa	gatatgatgt	caagaccagg	aagtggagct	ttctcttgga	agagcacagt	60
aaactaattg	caaagggtgcg	ctgcctccca	caagttcagc	tggacctct	gccacgact	120
ctcaccctgg	cgtttgcttc	tcagctcaag	aagacatctc	tcagtctcac	gccagatgtc	180
ccagaggcag	acctttctga	agtggacccc	aagctcgtgt	ctaactctgat	gccctttcag	240
agagctggag	tcaattttgc	catagccaaa	ggaggccgcc	tgctgctcgc	tgacgacatg	300
ggcctgggga	agaccatcca	agccatctgc	atcgcagcct	tttaccggaa	ggagtggccg	360
ctcctggtgg	tgggtgccatc	ctccgtgcgc	ttcacctggg	agcaggcctt	ccttcggtgg	420
ctgccatctc	tgagcccaga	ttgcatcaac	gtcgtggtga	ctgggaagga	ccgcctgaca	480
gctg						484

<210> 2429
 <211> 414
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (29)...(416)
 <223> similar to gi3327098 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2429
ggcaccgcca ccaccgccgc cgccacagca gcagcagcag cagctcacgg cattcctgca    60
gcagctccag gcgctcaaac cccccagagg cggggaccag aacctgctcc cgacgatgag    120
ccggtccttg tcggtgccag attcggggccg cctctggggac gtacatacct cagcctcatc    180
acagtcaggt ggtgaggcca gtctttggga cataccaatt aactcttcga ctcagggtcc    240
aattctagaa caactccagc tgcaacataa attccaggag cgagagagaag tggagctcag    300
ggcgaagcgg gaggaagagg aacgcaagcg tcgagaggag aagcgccgcc agcagcagca    360
ggaggagcac aagcggcggc aggaggagga agagctgttt cggcgcaagc acgt          414

```

```

<210> 2430
<211> 739
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (207)...(598)
<223> similar to gi5360271 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2430
caaccaccca gaggtgagga gatagtagag gaagaaggag aaggggggtg gggggcgcca    60
agcacaaaga gcaaaggcaa aggcaagcac agtgacagat gagacttgag aggtgccagg    120
ggccagggtta tgcgaggcct tggaggccag catgcagtct aggatgaggc ctccctacctt    180
cagcctgcct gagggccagg agctggaggg aggcgagtga aggcccttct tcccgctgcct    240
gcagtaatgg ctcccaggac acctttgaag catgttacag cggcacgtcc acaccttctt    300
tccatggctc ccactgcagc ggcagcgacc acagcagtct gggcttggag cagttacagg    360
attacatggg cacgttgagg agtaagctgg ggcccctcga gatccagcag tttgcgatgc    420
tgctgcggga gtaccggctg gggctgcccc tccaggacta ttgcacaggc ctgctgaagc    480
tctacggaga ccggcgcaag ttccctcctc ttgggatgcg gcccttcac cgggaccagg    540
acatcggcta cttcgagggc ttcttgaggg gcgtgggcat ccgcgagggc ggcacccctca    600
ctgacagctt cggccgcgac aagcgagcga tgagctccac gtcggcctcc gcagtgcgca    660
gctacgatgg cgcggcgagc cggcccagag cacaggcctt ccaccggctg ctggctgaca    720
tcacgcacga catcgaggc

```

```

<210> 2431
<211> 620
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (37)...(621)
<223> similar to gi5689527 in the genepept database release 114,

```

Run with FASTXY 3.3t00, default parameters

<400> 2431
gtaaccacca ctactcatag cgttggacga gggcatgagc tacagttgct taatgaagaa 60
ctgagaaaca ttgagcttga gtgtcagaat atcatgcagg ctacaggct ccagaaagt 120
acagaccagt atggagacat ctggacattg catgatggag gattccggaa ttataacacc 180
agcatagata tgcaaagggg aaagctagat gacatcatgg agcatccaga aaagtctgac 240
aaggacagtt ctagtgttta caacacagct gagagctgca gaagtactcc gctcactgta 300
gaccgttccc ctgacagttc ccttccaagg gtgatcaacc tcaccaataa gaaaaacctg 360
agaagcacia tggcagccac ccagtcctct tccggacaga gcagtaaaga gtcgacctcc 420
accaaagcca aaaccactga gcaaggttgt agcgctgaaa gcaaggagaa ggttttagaa 480
ggcagcaagc ttcctgatca agagaaggca gtcagcgaac acatccctta cctctctcct 540
taccacagct cctcatatag atatgcaaac atcccagcac acgcccggca ttatcaaagc 600
tacatgcagt taattcaacg 620

<210> 2432
<211> 418
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(421)
<223> similar to gi4826496 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2432
gggtctgggg ctgcctggcc accgtgtcca cccacaagaa gatccaagga ctgccatttg 60
ggaactgcct gcccgctcagt gatggcccct tcaacaatag cactgggatt cctttcttct 120
acatgacagc caaggacccc gtggtggctg atctgatgaa gaaccccatg gcctcgctga 180
tgctgccaga atcagaaggg gagttctgca gaaaaaacat cgttgatccg gaagatcccc 240
gatgtgtcca gttaacgctc actggccaga tgatcgcagt gtctccagaa gaagtagaat 300
ttgccaaagc agccatgttt tcaaggcacc cagggatgag gaagtggcct cgtcaatatg 360
aatggttctt tatgaagatg aggatagaac atatctggct tcagaaatgg tatggagg 418

<210> 2433
<211> 645
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (285)...(519)

<223> similar to gi31334 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2433

aaacttcaaa	aaataataag	atccaagtca	aaggtaagag	ttactttctg	aaagataata	60
ctgcacaggg	gcaggatgta	ccaggggtga	gcaggggtgag	ttcatggcaa	aggaaagccc	120
atggggccact	tggggggggg	gtggagacat	gtaggggtggc	ctgtgtgtcc	aactggctgt	180
ttctttgagt	cttggttgga	agtgtctgaga	cacaaactgc	ctcttaccag	aaattccgaa	240
ccgcattaat	catttggggt	taattcctct	ctctagagct	gtttttgata	gccagcccct	300
cccatccac	agaggggagc	ccagtgacct	tgacgtgtaa	gatgcccttt	ctacagagtt	360
cagatgcccc	gttccagttc	tgctttttca	gagacacccg	ggccttgggc	ccaggctgga	420
gcagctcccc	caagctccag	atcgctgcca	tgtggaaaga	agacacaggg	tcatactggt	480
gcgaggcaca	gacaatggcg	tccaaagtct	tgaggagcag	gagatcccag	ataaatgtgc	540
acaggggtccc	tgtcgctgat	gtgagcttgg	agactcagcc	cccaggagga	caggtgatgg	600
agggagacag	gctgggtcctc	atctgctcag	ttgctatggg	cacag		645

<210> 2434

<211> 504

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (329)...(425)

<223> similar to gi2914017 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2434

ggtagagcat	ccaacctgcg	actgcccagg	ccttggggcag	tttccttata	tgagtgggag	60
ccctggaagc	ccacactgcc	tccttgggaa	actgttaaata	ctcacctttg	ggtaactgct	120
gaagcagaag	gcacagcaca	gagcaatcat	gagattgcat	ttgtgatgca	tccttgaggg	180
cggagaagac	cacaaaggat	ggctctgtgc	gtggccagtc	gctgctgtgg	ccgggtccca	240
tttacagaga	ggtctgtgag	ggtgaggagg	agtggagggt	tttctgcatg	tgcttctggg	300
cttgcatagt	aagaggattt	acttcccagc	tcttcatctt	gctgtcatgc	acgggcggct	360
caacaacatc	cgggttctcc	tgacagagtg	cacagtggac	gccgaagcct	ttaatctcag	420
gtgagcgcg	tgggcccag	taggccccgc	ggcgccctggc	ctgctgctca	cagctgctgg	480
ttgctggtgc	ctcccatcag	cccc				504

<210> 2435

<211> 742

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(378)
 <223> similar to gi3881530 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2435
 cttttatggt agtaatcgaa aagatggatt ttgccttagc ggtagtatcc tggctaagtc 60
 taagttttat ggaaactcat tatctgcaat attagagga gaagcacggt taactttctt 120
 gaatagaggt gaagattatg taatgacaat gccatacgct cattgtaaaag gaattcctta 180
 tggtagaatg aacttgagc ttggtggaac agtcaatatt acatgtcaaa aaactggata 240
 cagtgcataa cttgaattta aactaaagcc attcctaggg agtagtgact gtgttaatca 300
 aatatcaggg aaacttaaac tgggaaaaga agtcctagct actttggaag gtcattgggt 360
 aagtattttg tatatgagct ttacaaaaag aattttattc tgtgggaaaa aaaaaatcac 420
 atttaaaatt taaaacttat tccgttgctg aaaacatcac tatttaacat aagcttcatc 480
 ttaatagcag atattttggt ggtgttctgt tatcaacagt agttaatttt gtgtaatat 540
 ttatttccaa aacttaaaat cagtagaaat agctaacact tatatatgac ttactgcatt 600
 atttaagaat gttactcata ttaactgatt taatatttat aacatataac gctatgaggt 660
 gagtatatag gtgccatgcc cattttatta ttgtttatta ttggcccat tttacagaag 720
 aggacactga ggcacagaga gt 742

<210> 2436
 <211> 438
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(439)
 <223> similar to gil679607 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2436
 ctcgaggcct tcggcaacgc caagactgtg cgcaacaaca attccagccg ctttggcaag 60
 tactttgaga tccagttcag ccgaggtggg gagccagatg ggggcaagat ctccaacttc 120
 ttgctggaga agtcccgcgt ggtcatgcaa aatgaaaatg agaggaactt ccacatctac 180
 taccagctgc tggaaggggc ctcccaggag caaaggcaga acctgggcct catgacaccg 240
 gactactatt actacctcaa ccaatcggac acctaccagg tggacggcac ggacgacaga 300
 agcgactttg gtgagactct gagtgctatg cagggttattg ggatcccgcc cagcatccag 360
 cagctggtcc tgcagctcgt ggcggggac ttgcacctgg ggaacatcag tttctgtgaa 420
 gacgggaatt acgcccgg 438

<210> 2437

<211> 422
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (197)...(424)
 <223> similar to gi516515 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2437
 ctctgctgcc tgtgagctgg agcccaactca ctctgctgc tcccacgaag cttcccatcc 60
 atttactttc tgcaaacctt catggagcgt cattggcctt gaagaagcag caatggaaat 120
 tcaattccag gctctccaac cagactttgc aaagtggatc tttgcagctc ctgctctgat 180
 cagcccttgg ttttgtctg tcccctcggg ggtgaggacc gagatcttcc tgcagtcctc 240
 ccggcgggca gctttcatgg tggacggggc agtgactgg ctcaccaact tcatcatagg 300
 cttcctgttc ccattccatcc aggaggccat cgggtgcctac agtttcatca tctttgccgg 360
 aatctgcctc ctcaactgcga tttacatcta cgtgggttatt ccggagacca agggcaaac 420
 at 422

<210> 2438
 <211> 749
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (3)...(158)
 <223> similar to gi3417295 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2438
 cttttttgta taccaatcgc caaacttgctc aggactggct aacgcggatt cgactctcca 60
 tcatgagggg aggattggtg gcaggccagc ctgcagtgc agtgagacat ggctttgact 120
 tgcttacaga gatgaaaaca accagcctat ctcaggtaaa gtggtgtgtt tgaaattcat 180
 ttttaagtctg ttaataagaa aaacatgggt taattccttt ggtatgattt aatctatgga 240
 taaaataagt taaagcttgg attcattttc aaagggtttg atcctgtatt ttgtaaaagc 300
 aacaactgcc agagttacct attttattcg tgttaaaaca gtgttagaag tcaaaaataat 360
 gttcatgttt ttgttcatgt taaaacaata ttcattgttag aacacgttaa aactctattt 420
 cttccgtgca aagtttagaa ctttaagggt aattctgaaa atttgtttat gggggaaaat 480
 ttttatttat ttatttattt ttttgagccg agatcgtgcc actgcactct tttagcctgg 540
 gcaacaacag tgaaactcca tctcaaaata aataaataaa taaataaaaa taataatact 600
 tttttttcca tttaaaattt tctcagtttc tcctagtgtg cagtgcgctc tcattgtcag 660
 gggaccgctg tggggaaagg ggtcggacag ctctgcactg ggcagttccc tgctccctgg 720
 aaggctttcc catgtttata tttttcttt 749

<210> 2439
 <211> 659
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(660)
 <223> n = a,t,c or g

 <220>
 <221> misc_feature
 <222> (184)...(366)
 <223> similar to gil871199 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2439
 cacaccaaac ttaacaaaac ttacaacagt agttacctgt ggggaggaag attaggtccc 60
 ctgtcctcct ttgagtaaca ataaaagaaa aaaaccttga aaaaatgacc tcttgacttg 120
 tggaactggt attttcatag ttagtaggag tttaaccttg ctctggtctc accttctcat 180
 cccagataa aagctgagga tgaccagccc ctcccgggag tcctcttata cctgagcggt 240
 ggctgtttc gttccaacct cttgaccag gacaacggca ttctgacatt ctcaaacctg 300
 gtaacgtggt ctgcaattta ccacctgcct gtcttccttg agagagagcc aggatgcagc 360
 atgcgagact tacgtgttgc ttgacaacgt gagaagagaa agccaatgtg gagtggtttc 420
 agtttcttgg gggcccacgg tcattagagt attgctctta ctggaactta atgctgctga 480
 ttcatgttcc cttccacacg cgcttcttgt tttctgatca cccacttgct actaagacag 540
 tgtaattaat ttccctggcc acaactggct gctctcttag ggcatcttct cggttttgcc 600
 acggaaatca tgcttatgat ggctgangtc tggtttgggt ggtaaggctg gcgttttct 659

<210> 2440
 <211> 483
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (276)...(471)
 <223> similar to gi2688800 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2440
 catttagatt tgatacgaga aacagtagcg ccccatctga gaggataagt atgcctcaaa 60
 cacaggagtt cttgggaaga gaattatcac aagagacaac ttctgttggg tgttggccag 120
 tgtccctcgt cccccaccc tgggtcccca ctgctttacc tcttgctttg cagccttctc 180

tcctcacagc	cttctgtgtg	ctgtgttttt	ggccctgata	gccccatggc	acaactgcac	240
tttgccctac	ctaggcctgt	ggcttcttgc	ctggcaggtg	ccacttctcc	acttttaagc	300
agtgccaaga	gtggctctca	cggctaagcc	gagccacagc	aagacctgcc	aagcctgaag	360
acctctttgc	ctttgcctac	catgcctggt	gcctggggct	gaccgaggag	gaccagcaca	420
ctcacctatg	tcagccaggt	gagcacatac	gttgctcgagc	cggaatccg	gccggtccgc	480
atg						483

<210> 2441
 <211> 968
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (858)...(968)
 <223> similar to gil765864 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

0048375-01400

<400> 2441						
ggaggcaggg	agaaaggagg	tgaggccagt	tgggaagggg	tacactcagg	ggacttaacg	60
cctggcaatg	tatcgtttat	tcaactgagt	gctggatact	caagtatccc	atatattatt	120
ctatacacct	ttttgtgtgc	cttaactaat	gcatttttta	aagtcagttt	ttctgtgata	180
tcagacaaat	actttagcat	ttagattctc	tttctctcac	tgaattgact	agtaaattca	240
gttatgaata	atthagccca	aaattaacct	agcaaggatt	tcacctgcaa	attaaattta	300
ttttctgcca	aaggacttaa	gttccaaccc	agaaaccccc	ttttacaaag	cactcactct	360
tacttttctg	attgtttaaa	taaaggcaag	taattccttt	tccctcttca	ctctgtggta	420
cagttctgaa	gaataacttc	atthgttttg	tgaatgtttg	aaattcacca	ggcaaaagcc	480
acagctaata	gattgtagta	acatagaaat	gccacgtgcc	acagatccca	cctccttgct	540
cctgtccctg	ctcctgctag	ctcaaccttt	tccctgcact	gacaggcatt	gtagactacg	600
ggtcaagcca	gctttgaagc	caagcacatc	tggcttcaaa	tcctaactcc	atccccaact	660
acttgatga	cctgacccta	agcagatagt	ttctctcctt	ggattctgtc	aagggggaaa	720
atacttccct	tacaaggttg	ctgtgaaaat	aaagtgtgat	aatacatgaa	aagcaccttg	780
cacatagtag	gtgcctaaca	cacatctgta	tgcctagcc	gccagacccc	tgccagatga	840
ttttattttc	ccctagtggg	tctgttcata	ggagtcaaac	tgactatgct	tttgcgactg	900
gcaacttgag	ggggagattc	ttctccactg	aaaccctggt	gagcctagca	ccctatgaag	960
gcaggagg						968

<210> 2442
 <211> 444
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (17)...(425)
 <223> similar to gi3881698 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2442
ctctgggtcag gtgatccaaa aggaaactgt tgggtgggacg acttacttct atacagacac 60
aactccagca cctttgactg gaatgggtgtt tccaaactat catatattatc ctccaactgc 120
acctcacgtt gcttatatgc aaccgaaagc aaacgcacct tccttcttca tggctgatga 180
actccgacag gagctgatca acagacattt aataacaatg gctcaaattg atcaagcaga 240
tatgccagca gttcctacag aggttgacag ctaccatagc ctattccctc tagaaccact 300
gccacctccc aaccggatac agaaatcaag taattttgga tatattacat cttgctacaa 360
agctgtaaag agcaaagatg atctgccata ttgccttcgg aggatacatg gttttcgtct 420
tgtaaacaca aagtgcattg tggt 444

<210> 2443
<211> 464
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(465)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (53)...(457)
<223> similar to gi3877162 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2443
tacgttccnn nnnncaattc ccgggtcgac gggaggcagg aggtggcggg aggggggtcgt 60
gaagtctagc ttcacgtatc tgctgctgga ccccaggag actcaggacc tgccagcccg 120
agccttctca ctgacccag ctgagcgct tcagactttc atccgtgcc tcttctacgt 180
gggcaaaggg acgagggcc ggccatatgt ccacctctg gaggcccttg gtcaccatgg 240
gcggtcaaga aaacagcccc accaggcctg cccaagggtg cgtcagatct tggacatctg 300
ggccagtggg tgcggcggtg tgtccctaca ttgcttcag cagtggtcg ctgtggaggc 360
ttatacacgg gaggcgtgta ttgtggaagc cctagggatc cagacgctca ccaaccagaa 420
gcaagggcac tgctatggag tgggtggcagg ctggccacct gctc 464

<210> 2444
<211> 1015
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (247)...(662)
 <223> similar to gi2854153 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2444

gaattcccg	gtcgacgatt	tcgtggctgg	tcttgaactc	ctgggctcaa	gcaatctgcc	60
cacctcagcc	tcccaaagtg	ctgggattac	aggcgggagc	catggtgccc	ggccaatcta	120
taaattctta	ccaacaaagt	aagattattc	tgccctttta	aaaatgtttc	aactgcacct	180
ttaaaaaata	gcatatataa	agctttcaga	tactcaaata	acgtttatat	tctcttcatt	240
catcaaggga	aaagagtttc	tttttacaaa	cgagcccaaa	tccttgtagc	agatacgtgg	300
agtgtatttg	aaggaaaagg	agatggctgc	ttcaaggaca	tctccagtat	caccatgttt	360
gctgattata	gattacctca	ggttcttgct	catcttgtag	ccctgaaata	ctctgatgac	420
ctactgaaga	agcttctcaa	aggagaaatg	ctctcatatg	gagacaggca	agaggtggaa	480
atcagagggg	gctcgctttg	gtgtgttgag	ctgatccggg	attgtcttct	ggagcttatt	540
gaacaaaagg	gtgaaaaacc	taatggagag	atcaattcca	ttcttctgga	ttattactta	600
tgggactatg	cccatgacca	tagggaagat	atgaaaggaa	ttccgtttca	tcgcatacgt	660
tgcataatatt	attgacctca	agtgtaaact	gatccaaaga	aaacccctcg	cgttttatat	720
catatcatct	gtacagtttt	gctttgatat	ttagagaaca	tgatcgaggt	tataggaaat	780
tgattgcccc	ttctcacttg	aaaaatactt	cctaggccgg	gcacagtggt	ttatgcctgt	840
aatcccagca	ctgtgggagg	ctgaggcggg	tggatcatct	gaggtcagga	gtttgagacc	900
acctggccaa	catggtgaaa	ccccatctct	actaaaaata	caaaattagc	tgggcgtggt	960
ggcacgtgcc	tgtaatccca	gttacttggt	aggctgaggc	aagagaatcg	cttga	1015

<210> 2445
 <211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(358)
 <223> similar to gi3882307 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2445

ggaaaacctg	cagaagctgg	tccacattga	gcacagcgtc	cggggccaaag	gggatctcct	60
ccagccagga	aggaggtttc	tgaagggaagg	gacgctgatg	aaagtaacag	ggaaaaacag	120
acggccccgg	cacctatttc	tgatgaacga	tgtgctcctg	tacacctatc	cccagaagga	180
tgggaagtac	cggtgaaga	acacattggc	tgtggccaac	atgaaggtca	gccgccctgt	240
gatggagaaa	gtgccctacg	ctctaaagat	tgagacttcc	gagtcctgcc	tgatgctgtc	300
tgcgagctcc	tgtgcagaga	gggacgagtg	gtatggctgt	ctgagcagag	ccctccctga	360
ggactacaag	gcccaggcgc	tggctgcatt	ccaccatagc	gtggagatac	gagagaggct	420
gggggttagc	cttgggggaga	ggccccccac	cctggtgcct	gtcacacacg		470

<210> 2446
 <211> 416
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(417)
 <223> similar to gi3043612 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2446
 tttcgtacag atgctcgggt agccatcacc atctattacc aggccacgga agagttccag 60
 aatggtattg ccagctacat tcccaaagac aacagcctcc agtcggagac tgtgcagtac 120
 aagcgaggag tgtgtcagca gttctgcctg ccctcccaca ccgtggatcc ctccgagtgg 180
 gccgaagagg agcttggtt tgatttagac cgagaagttt accctctagt ggtacatgcc 240
 gtggtggatg aaggagacga gtattttggc cattgccatg tactgctggg tacttttgag 300
 aagcacacag atggaacttt ctgtgtcaag cccctcaaac agaaacaagt agtagacggg 360
 gtcagctacc tccttcagga gatctatgga attgaaaaca agtacaacac acaaga 416

<210> 2447
 <211> 935
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (26)...(577)
 <223> similar to gi4587569 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2447
 cccacgcgtc cgctcaaaac ataatttctg tttcatggag atgaatacaa ggctgcaagt 60
 ggaacatcct gttactgaga tgatcacagg aactgacttg gtggagtggc agcttagaat 120
 tgcagcagga gagaagattc ctttgagcca ggaagaaata actctgcagg gccatgcctt 180
 cgaagctaga atatatgcag aagatcctag caataacttc atgcctgtgg caggccatt 240
 agtgcacctc tctactctc gagcagaccc ttccaccagg attgaaactg gactacggca 300
 aggagacgaa gtttccgtgc attatgaccc catgattgag aagctggtcg tgtgggcagc 360
 agatcgccag gcggcattga caaaactgag gtacagcctt cgtcagtaca atattgttgg 420
 actgcacacc aacattgact tcttactcaa cctgtctggc caccagaggt ttgaagctgg 480
 gaacgtgcac actgatttca tcctcaaca ccacaaacag ttgttgctca gtcggaaggc 540
 tgcagccaaa gagtctttat gccaggcagc cctgggtctc atcctcaagg agaaagccat 600
 gaccgacact ttcactcttc aggcacatga tcaattctct ccattttcgt ctagcagtgg 660
 aagaagactg aatatctcgt ataccagaaa catgactctt aaagatggta aaaacagtaa 720

gtaatgtttc	attaaaagag	aatgtgagt	catagaaatg	tatcacatta	atctgaaaaa	780
gaggattcca	gcctggccat	gatcagtcag	ttacattttt	taaatgccta	ggctaaacat	840
tggagggaaa	tatgccaata	taatagaatt	gattggctct	gggtagtaga	gttgatggta	900
tttgcttttc	ttctttacac	tttttaaaaa	atttg			935

<210> 2448

<211> 412

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (8)...(414)

<223> similar to gi37195 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2448

tttcgtgagt	tctgttagct	tgtcctgggc	ccggcccaaa	gatgatgggtg	gttctagagt	60
cacaggctac	tacatcgaac	gcaaagagac	atccactgac	aagtgggtca	gacacaacaa	120
gactcagatc	accaccacaa	tgtacactgt	cacagggtct	gttcccgatg	ctgagtatca	180
gttccgcatc	atcgcacaga	atgatgttgg	cctgagttag	accagccctg	cttctgaacc	240
agttgtttgc	aaagatccat	ttgataaacc	aagccaacca	ggagaacttg	agattctttc	300
aatatccaaa	gatagtgtca	ctctacagtg	ggagaaacct	gaatgtgatg	gtggtaaaga	360
aattcttgga	tactgggttg	aatatagaca	gtctggagac	agtgcctgga	aa	412

<210> 2449

<211> 511

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (267)...(430)

<223> similar to gi4583557 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2449

cccacgcgtc	cggtttcatg	ttgaagaaaa	tcagtgttgg	ggttgcagga	gacctaaaca	60
cagtcaccat	gaagctgggc	tgtgtcctca	tggcctgggc	cctctacctt	tcccttgggtg	120
tgtcttgggt	ggcccagatg	ctactggctg	ccagttttga	gacgctgcag	tgtgaggggac	180
ctgtctgcac	tgaggagagc	agctgccaca	cggaggatga	cttgactgat	gcaaggggaag	240
ctggcttcca	ggtcaaggcc	tacactttca	gtgaacctt	ccacctgatt	gtgtcctatg	300
actggctgat	cctccaaggt	ccagccaagc	cagtttttga	aggggacctg	ctggttctgc	360

```

gctgccaggc ctggcaagac tggccactga ctcagggtgac cttctaccga gatggctcag 420
ctctgggtcc ccccgggcct aacaggggaat tcttccatcc accggtgggt aacaaaaggg 480
cagacaagcc gggcaactaa ccaattgcag t 511

```

```

<210> 2450
<211> 504
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(505)
<223> n = a,t,c or g

```

```

<220>
<221> misc_feature
<222> (64)...(223)
<223> similar to gi5689399 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2450
gtcgacgatt tcgtgaaatg aattgtttga ttgctgactt tattcttttg tcttacacac 60
caggggtttcc atgataaagt ttggaggac tgcaatatag tcctcagttt aaatgccagt 120
aactgcaaag ctctgtatcg gaaatctaag gctttaagtg atttaggaag atacaaaaag 180
gcttacgatg ctgtagcaaa gtgctcctta gcagtgcctc aggtatggaa tttatagttt 240
atttgtttac atcgtaacca ttacatcat aataaatggc atttaaagag ttaaattttc 300
cagtcaccca tcaacctgct tcagttgggt ataattgcta atgaagcagg tgtcttgatg 360
ggaaacttcc ctgttttgtc tattcttctt caccattagt aaatataacc ctgttaatta 420
tacatactta tttttttcag gatgagcatg taatanaact aactcaagaa ctagctcaga 480
aaatggggat taaaataaga aaag 504

```

```

<210> 2451
<211> 913
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (33)...(538)
<223> similar to gi3098418 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2451

```


ttttcggcac	gaggaaaacc	acagccaaca	ggagccacac	agatagtgca	ggaacgcccc	60
atgtgtctgg	tgggaagatg	ctcagtgtctc	tggagtccac	ggtgcctccc	agccagcctc	120
cacctgtggg	cacctcagcc	atccacatga	gcctgtctga	gatgaggcgg	agcgtggcgg	180
aactcaggct	ccagctccag	cagatgcggc	agctccagct	gcagaaccag	gagttgctga	240
gggcaatgat	gaagaaggcc	gagctggaaa	tcagtggcaa	agtgatggaa	acaatgaaga	300
gactggagga	tcccgtgcag	cgacagcgcg	tcctagtggg	gcaagagaga	caaaaatatc	360
ttcatgagga	agagaagatc	gtcaagaagt	tgtgcgagtt	ggaagacttt	gttgaagact	420
tgaagaagga	ctccacggca	gccagccgat	tggttactct	gaaagacgtg	gaagacgggg	480
ctttcctcct	gcgtcaagtg	ggagaggctg	tagctaccct	gaaaggtaaa	ctttctgctg	540
ggtcggggga	ggagtctgag	ctgtctttcc	tgcggtgttt	aaaaatctgc	cacatagagg	600
attcattcat	gttatgcaag	tatttattta	aacgtcttac	atgtgccagg	gcattgttct	660
ggacacttgg	gaatacccca	cagcaciaag	taggtgcaca	tccccctct	tcttgagct	720
ggtattagag	tgggtgctgt	aagatttcac	actaaatgat	tccagtaaca	ctttctattt	780
gctaggctct	tacagtgcac	cgggatgcat	gtgccaaacc	cgtttaaaaa	cacaaggtgg	840
ggagggatca	cttggaattcc	ccagggagtt	tcaagaccag	cctgggcaat	atagagagac	900
tcacatctct	acc					913

<210> 2452
 <211> 446
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(447)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (52)...(446)
 <223> similar to gi5459374 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2452						
tttcgtggag	ggtccccata	ttgcccata	ggcagcggct	gttcctgttt	ccccgagggc	60
tcggagggtac	tgaagggtgg	cgccatggat	ggagaccggg	gcaaacccaa	tcgaattctc	120
tacagccttg	taaattggga	cgatggagcc	tttgaaatta	atgagacatc	tggagccatc	180
tccatcactc	agagcccggc	ccagctccag	agagagggtg	atgagctgca	tgtacagggtg	240
actgaaatga	gccctgcggg	gagcccagct	gcccaggcca	ccgtcccagt	caccatcagg	300
attgtggacc	tcaacaacca	cccgccaa	ttctatggag	agagcggacc	ccaaaacagg	360
tttgagctgt	ccatgaatga	gcacccaccc	cagggagaga	tcttgcggng	cctcaagatc	420
accgtcaatg	actccgacca	gggaaa				446

<210> 2453
 <211> 505
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (273)...(358)

<223> similar to gi3395490 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2453

tttcggttggg	agctggctgg	gcagggtggg	gagcccttcc	cagagcagtg	ggccccctt	60
tccactccag	cccatctctc	tccgtgtggc	tgtggctcag	ctttctcctg	ggacagagtc	120
cttcctgtgg	ggaagggaca	gatgacaggg	ggagtggggg	gatgagggcg	tggccgtggg	180
cgaggcacag	cccagggtttg	atctagggac	ctctggggta	gcagggcttg	gggacccacc	240
tgaccacagc	atgccctgct	ctgtgcctca	cagaactaca	ggatctcatg	cacatctcac	300
gggcccggaa	gccagcggtc	atcctgggct	ccatgagggg	cgagaagcgg	acgtaagtgg	360
atcgagatcg	gtggcagagc	ggcgaacgtg	tgcgctttcc	tgccctcac	ccacccctg	420
ttgagggctc	agggctttac	tctctgcacc	ctcacagccg	gcgaagtggc	tctgctccta	480
gtcttatagt	tcttagcaga	gacag				505

<210> 2454

<211> 392

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (5)...(361)

<223> similar to gi3875538 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2454

cctccccact	gtcccagtc	catcccaacc	ctctcacgct	taccagagtc	ccgggcagcc	60
tgcagggcat	gcaggtagtt	gtctctggca	gccttgtggt	ccccagctg	gctcaatgca	120
aaggccaggc	tgccaaagct	ccggccctgc	tcccacgct	gccccacaga	gccgtgtagg	180
tcagcagcct	tctggtgaaa	ctcccagct	tctgatagt	tgccgagggc	attgtggggc	240
atcccagagt	ttcttagcac	tgtggcctgc	tctcctggca	cccagcacag	gggcagggcc	300
tgcaggaagg	cctccacggc	cagcgggaac	agctggagct	gggagtagcc	caggcccagc	360
agtcgcctct	cagtgtctct	ctcggcacga	aa			392

<210> 2455

<211> 500

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (93)...(425)
 <223> similar to gill109880 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2455
 gtccggaatt cccgttttcga cgattttcgtg ctaatgagaa gctagataaa acaaaggccg 60
 agttagatca agaagccttg atcattggca atctggctac agaagcacat ttaatcatcc 120
 tggatatgca ggaaaacatt atccaggcga gctcggctct ggactgtaaa gacagcctgc 180
 tgggagggtg tctgagggtg ctggtgaatt ctctgaactg tgatcagagt accacctacc 240
 tgactcactg ctttgcaaca ctccgtgctc tcatcgccaa gtttgagagac ttactcttcg 300
 aagaggaggt ggaacagtgt ttcgacctat gtcaccaagt cctgcaccac tgcagcagca 360
 gcatggatgt cacccgagc caagcctgtg ccacccttta cctcctcatg aggttcagtt 420
 ttggagccac cagtgtgaaga gttcaaacca gctgagtgac ctggaatcag tagagaaaaa 480
 ttgatgtaaa gcatcagctg 500

<210> 2456
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (276)...(441)
 <223> similar to gi4220590 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2456
 agctctggtc tctcagggcc tcccagcagc tgtggctgaa gcagagccgc aggggccttt 60
 gttaagacag tccatgcccc ctggccccgc atccccgtca cccctgccgg ggctggtttc 120
 tcatggtcag cggttcccag ccaggaggga gaaacctcgc tgtgggcatt cgagtttgcg 180
 ccctggttcc agagcatccc agtgtccgag aaccaaggtg gtctcccgtc agttttcctc 240
 accccggttg gatgccagac ttccctcatt cctcacaggt caatgagtag gtcgatgctc 300
 gggacacgaa catgggggag tggtttgagg cgcaggtggt cagggtgacg cggaaggccc 360
 cctcccggga cgagccctgc agctccacgt ccaggccggc gctggaggag gacgtcattt 420
 accacgtgaa atacgacaag tgagtcattg cagggtggag ggccctgggt ttcaggctct 480
 gtgacgcgca tccttggtcg cgggtgttca ggccagaact tggcactgtc tcgagatggt 540
 gatcaggatc tggggcccca tcctagaatt cctaacagca tacgaggctg ccacttggg 600
 gactagcctg agaaccgaa gacggctgcc ccctcctgtg taaaaacgga gggttctgct 660
 cgatcagtgg ctgaaactgc cacgaaatcg tcggccccgg aattccgacc ggaagtc 717

004893.01400

<210> 2457
 <211> 401
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (10)...(402)
 <223> similar to gi3878739 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2457
 tttcgtgctt taaagttggt tctgctggcc ttagaagatg gttctgcttt gtcaagaaaa 60
 gtattgggtc tgtttggtg gcaaagattg gagccacggt ttcctcaagc ctctaaaact 120
 agcattgggc atgttggttca gctcctttat agagcctcct gtttcaaggc caccaaactg 180
 gatgaagact cttctttgat gcagctgaaa gaagaattta gaacctatga agctctgcgg 240
 cgagaacatg actcccagat agtgcagatt gctatggaag caggcttacg aattgcaccg 300
 gaccagtggc cctctttgct ttatggagac cagtctcaca aatctcatat gcagtccatt 360
 attgacaaga ctccagcctc ttttgacag agtggttcagg a 401

<210> 2458
 <211> 679
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(680)
 <223> n = a,t,c or g

<220>
 <221> misc_feature
 <222> (107)...(414)
 <223> similar to gil052790 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2458
 agacatcatt gacgtggatg aggaaccagt agcagcggag ccagactatg tgcagcccca 60
 gctgaggcgg ccttttgagc tgctgattgc tgccgccatg gagcggaacc ccaccaatt 120
 tcagttgccc aatgaactga cttgtaccac tgcactacca ggttctagca agaggagaag 180
 aaaggaggaa accacaggga aaaatgttaa gaagacacag catgaattag atcacaatgg 240
 tctcgttccc ttaccggtca aagtctgctt cacgtgtaac aggagttgcc gtgtggctcc 300
 tctcatccag tgtgactatt gccctctcct gtttcacatg gattgcctcg agccgccgct 360
 cactgccatg cccctgggca gatggatgtg tccgaatcac atcgaacatg tgggtgctgaa 420
 ccagaagaat atgacactga gcaatcgggtg ccagggtgtt gatcgtttcc aggacaccgt 480
 ttgcgagcat gtcgtcaaag tggacttcct gaaccgaatc cacaagaagc acccccctaa 540
 ccggcgtgtg ctccagtcgg tcaaaagaag aagcttgaag gttcctgatg ctataaaatc 600

```
tcagtaccag tttccacccc ctctcattgc acccgcggcc attcgggacg gngagctgat 660
ctgcaatggg atccctgag 679
```

```
<210> 2459
<211> 425
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (221)...(424)
<223> similar to gi5916205 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2459
tttcgtgcag ccttcgggaa gtcctgcagg agccgcgttc caggagggca gctggcagcc 60
gccccaggcc cccgggcccgc ctgcagggtga ttaggctaata gagctgcccc gggggcgcg 120
agaccggcct ggcgagcgga ttaccggcg cccagctgct gccggcgagg actcccagga 180
gctccggaga ggaaccctcc gaagggtgact tcagaactgg agttacctgg ctgagcagtg 240
ctggaatggc ggctttatct acctgatcat gctgcgtcgc ttttaagcaca aagcccactc 300
cacttataat ggcaacagta gcaacagctc tgaaccagga gaaacaccta ccttgagct 360
gggtgaccga actgcgaaaa aggggaaacg aaccagaaag tttggggtca tctccaggcc 420
tcctg 425
```

```
<210> 2460
<211> 614
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (2)...(277)
<223> similar to gil64070 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

```
<400> 2460
ccagaaactg tttggtatga tcattaccat tgggcaagcc attgtgtatg tcatgacggg 60
gatgtatggg gaccctgcag aaatgggtgc tggaaatctgt ctctgatca tcattcagtt 120
gtttgttgct ggtttgattg tgctgctgtt agatgagctg ctacagaagg gttacggctt 180
ggggtctggg atttccctct ttattgccac caacatctgt gagaccattg tctggaaggc 240
ctttagtccc actaccatta aactggcgag aggtacatcg cacagcgact gcaactgcac 300
gcgttttgct ggatgtgtgc tgggaacaaa cccatcgtgt cgcagtacat gcctagagcc 360
gttctggatt gctctcctag gggataagga atgcgaattc ttcaaaactt aatgagcaga 420
```

gatttgtgga	gtaagcaata	ctacctcaga	gagaatagta	tcaaaatfff	agtctctgct	480
tattttaaaf	ttcagtgggt	gcaaacagat	tttcaaaatt	tcttttggtt	accttgctta	540
aggcattgct	gcagaagtca	tttatttgac	tgatttcagc	atccgtaggg	ggataaaaaag	600
gtagtggatt	ttaa					614

```

<210> 2461
<211> 591
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (41)...(491)
<223> similar to gi3983137 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2461						
tttcgtggag	gaggagaaca	tccgcgtggt	tcgttgtggc	ggcagcgagt	tgaactttag	60
gagagctgtg	ttctctgcag	attctaagta	tatcttctgt	gtctctggag	actttgttaa	120
agtttacagc	acagttacag	aagagtgtgt	acacatactg	catggacaca	gaaatctggt	180
gactggaatc	cagcttaacc	ccaacaacca	tctacagctg	tattcttggt	cccttgatgg	240
cacaattaaa	ctgtgggact	atatagatgg	catcttaata	aagactttca	tagttggatg	300
taaacttcat	gccctcttta	ctcttgccca	agctgaggat	tctgtctttg	ttatagttaa	360
taaagaaaaa	ccagatatat	ttcagctggt	ttcagtgaat	ctgccaaaat	cctcaagcca	420
ggaagtagaa	gcaaaggagc	tgtcctttgt	tttggttac	ataaaccagt	caccaagtg	480
cattgccttt	ggaaacgagg	gagtatatgt	tgctgcagta	cggaattttt	acttgtctgt	540
ttattttttc	aaaaaggaaa	caacatcaag	ggttacttta	tcatcatcaa	g	591

```

<210> 2462
<211> 585
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (6)...(393)
<223> similar to gi4006920 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2462						
tttcgttcag	cttccacagc	gtgtctggaa	ttctggtttg	ccaggcgggc	tgcgtcctgg	60
aggagctgag	ccggtatgtg	gaggaacggg	acttcatcat	gccgctggac	ttaggagcca	120
agggcagctg	ccacatcggg	ggaaacgtgg	caaccaacgc	tggaggcctg	cggtttcttc	180

gatatggctc	actgcatggg	actgtcctgg	gcctggaagt	ggtgctggcc	gacggcactg	240
tcctggactg	cctgacctcc	ctgaggaagg	acaacacggg	ctatgacctg	aagcagctgt	300
tcatcgggtc	ggagggcact	ttggggatca	tcaccacggg	gtccatcttg	tgtccacca	360
agcccagggc	tgtgaacgtg	gctttcctcg	gcctgcttca	ctcacagcca	cttcttcggg	420
tctcctggga	cctgcctgcg	gtccttttct	tgcttcattt	gaatcgggcg	ggtttatcca	480
gcatttcctc	ctcaggaggt	cagaagtcgc	acagcccggc	agtcttcgcg	cgggaggtgg	540
cgggtctagc	tcaccaactc	ccagttcggg	gtcttgagct	gccgg		585

<210> 2463
 <211> 408
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (221)...(398)
 <223> similar to gi3877428 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2463						
tttcgttccg	ggtgtctttg	tccccccggg	gtcgtgccc	tggcccgcag	ccttttcccc	60
acgactctga	aagaggacag	cggttcccaat	gtcccagttt	aagcgccagc	ggatcaaccc	120
gcttccaggg	ggacgcaact	tctcaggcac	agcttcaaca	tctcttctgg	gccctcctcc	180
tggtttgctc	actcctcctg	tggccacaga	actgtcccag	aatgccaggc	accttcaggg	240
tggggagaaa	cagcgggtct	tcactggtat	tgttaccagc	ttgcatgact	actttggggg	300
tgtggatgaa	gagggtcttt	ttcagctaag	tgtggtgaag	ggccgtctgc	cccagctggg	360
tgagaagggt	ctggtgaagg	ctgcatacaa	cccaggccag	gcagtgcc		408

<210> 2464
 <211> 406
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(408)
 <223> similar to gi4261548 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2464						
ggttcgggaa	tctggactgt	acagatgcca	ggcccggggc	tccccacgaa	gtaaccctgt	60
gcgcttgctc	ttttcttcag	actccttaat	cctgcaggca	ccatattctg	tgtttgaagg	120
tgacacattg	gttctgagat	gccacagaag	aaggaaagag	aaattgactg	ctgtgaaata	180

tacttgg	aat	ggaaacattc	tttccatttc	taataaaagc	tgggatcttc	ttatcccaca	240
agcaagttca	aataacaatg	gcaattatcg	atgcattgga	tatggagatg	agaatgatgt		300
atttagatca	aatttcaaaa	taattaaaat	tcaagaacta	tttccacatc	cagagctgaa		360
agctacagac	tctcagccta	cagaggggaa	ttctgtaaac	ctgagc			406

<210> 2465

<211> 1131

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (37)...(1132)

<223> similar to gi951231 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2465

acatctgtcc	gtgtgggtgga	attcgaggat	tcagctgaaa	aagaagtttt	taagagtgc	60
tattacaaca	aagttccagt	tagtaaaatt	ctaggcaagt	gtgtgggtcat	gtttgtcaag	120
gaatacttta	agttatgccc	agaaaacttc	cgagatgagg	atgtttttgt	ctgtgaatca	180
cggatattctg	ccaaaaccaa	atcttttaag	aaaattaaac	tgtggaccat	gccccatcagc	240
tcagtcaggt	ttgtccctcg	ggatgtgcct	ctgcctgtgg	ttcgcgtggc	ctctgtatct	300
gcaaattgcag	ataaagggtga	tgatgagaag	aatacagaca	actcagagga	cagtcgagct	360
gaagacaatt	ttaacttgga	aaaggaaaaa	gaagatgtcc	ctgtggaaat	gtccaatggt	420
gaaccaggtt	gccactactt	tgagcagctc	cattacaatg	acatgtggct	gaagggtggc	480
gactgtgtct	tcatcaagtc	ccatggcctg	gtgcgtcctc	gtgtgggcag	aattgaaaaa	540
gtatgggttc	gagatggagc	tgcatatctt	tatggcccca	tcttcattca	ccctgaagaa	600
acagagcatg	agcccaaaaa	aatgttctac	aaaaaagaag	tatttctgag	taatctggaa	660
gaaacctgcc	ccatgacatg	tattctcgga	aagtgtgctg	tgttgtcatt	caaggacttc	720
ctctcctgca	ggccaactga	aataccagaa	aatgacattc	tgctttgtga	gagccgctac	780
aatgagagcg	acaagcagat	gaagaaattc	aaaggattga	agagggtttc	actctctgct	840
aaagtggtag	atgatgaaat	ttactacttc	agaaaaccaa	ttgttcctca	gaaggagcca	900
tcacctttgc	tggaaaagaa	gatccagttg	ctagaagcta	aatttgccga	gttagaaggt	960
ggagatgatg	atattgaaga	gatgggagaa	gaagatagtg	aggtcattga	acctccttct	1020
ctacctcagc	ttcagacccc	cctggccagt	gagctggacc	tcatgcccta	cacaccccca	1080
cagtctaccc	caaagtctgc	caaaggcagt	gcaaagaagg	aaggctccaa	a	1131

<210> 2466

<211> 1249

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (439)...(1244)

<223> similar to gi4589676 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

```

<400> 2466
cgagatggg ctaccgctcc ctctgagcg ctctgctctc tcgctcctct cccctcaccc 60
gccgccttcc ctgctgggtc cctctccccg gtctccacct ctctccctc tcctggaagg 120
gaaaagtctg ccaagctggg gactgccacg accaaaccaa caaaggccga ccgaaggcgg 180
agaacttgaa aagaacttgt tttgttccag ttaaggaacc tgcaggaaaa tccacaccca 240
cattgcctgg ttttgaactg gagagctgcg tgtgtgtgtg tatgtgtgtg tgtgtgtcaa 300
gcaagaggcg gaggaggcac agactatggt ctctgttttg ataaggaaac tgccagctgt 360
cgaaagttaa ccagcagaga ggggaagatg gcccaggagc cagcccctcc tgagttttaa 420
actacactgt tttctgtcca gatattccaa tggagacagt tggaaaacct gtacttcaga 480
gaaaagaagt tttccgtgga agttcatgac ccacgcaggg cttcagtgac aaggaggacg 540
tttgggcaca gcggcattgc agtgacacg tggatatgat gtccggcatt gatcaagtcc 600
atctgggcta tggccataag ccaacaccag ttctatctgg acagaaagca gagtaagtcc 660
aaaatccatg cagcacgcag cctgagttag atcgccatcg acctgaccga gacggggacg 720
ctgaagacct cgaagctggc caacatgggt agcaagggga agatcatcag cggcagcagc 780
ggcagcctgc tgtcttcagg atctgggtgcc aggagacact gcattctact cccaggttct 840
caggaatcag atagctcgca gtcggccaag aaggacatgc tggctgcctt gaagtccagg 900
caggaagctc tggaggaaac cctgcgtcag aggtcggagg aactgaagaa gctgtgtctc 960
cgagaagctg agctcacggg caagctgcc aatagaatc ccctggatcc aggggaggaa 1020
ccacccattg ttcggagaag aataggaaca gccttcaaac tggatgaaca gaaaatcctg 1080
cccaaaggag aggaagctga gctggaacgc ctggaacgag agtttgccat tcagtcccag 1140
attacggagg ccgaccgccg cctagccagt gaccccaacg tcagcaaaaa actgaagaag 1200
caaaggaaaa caaagtatat aaatgcagtg aagaaactgc aggtgtatt 1249

```

```

<210> 2467
<211> 441
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (145)...(442)
<223> similar to gi4633066 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2467
tttcgtcaga gccgcgggag gacggttgcc tggattatt agcaagcagc aaatatggcg 60
gtggcgcgcg tggacgcggc tttgcctccc ggagaaggat cagtgggtcaa ttggtcagga 120
cagggactac agaaattagg tccaaattta ccctgtgaag ctgatattca cactttgatt 180
ctggataaaa atcagattat taaattggaa aatctggaga aatgcaaacg attaatacag 240
ttatcagtag ctaataatcg gctggttcgg atgatgggtg tggccaagct gacgttgctt 300
cgtgtattaa atttgcctca taatagcatt ggctgtgtgg aagggtctaaa ggaactagta 360
catctggaat ggctgaattt ggcaggaaat aatcttatag ccatggaaca gatcaatagc 420
tgcacagctc tacagcatct c
441

```

[illegible]

<400>	2468						
ctccggagcg	gacttcccgg	gtcgacgatt	tctgtaagcc	ctcagcccca	cgggtagcag		60
ccgctatgcc	tcttccgggg	agctgagcca	gggaagctct	cagctgagcg	aggacttcga		120
ccctgacgag	cacagcctgc	agggctccga	catggaggat	gagcgggacc	gggactccta		180
ccactcctgc	cacagctcgg	tcagctacca	caaagactcg	cctcgctggg	accaggatga		240
ggaagagctg	gaggaggacc	tggaggactt	cctggaggag	gaggagctgc	ctgaagatga		300
cgaggagctg	gacgaggagg	aggaggaggt	gcctgacgat	ttgggcagct	ataccacgcg		360
tgaagacgta	gctgtggctg	agcccaaaga	cttcaaacgc	atcagcctcc	cgccagctgc		420
cccagggaag	gaggacaagg	ccccagtggc	accacccgag	gcccccgaca	tggccaaaggt		480
ggcccccaag	ccagccaacgc	ccgacaaggt	gcctgcagct	gagcagatcc	ctgaggctga		540
gccaccaaac	gacgaggaga	gttttcaggcc	gagagaggat	gaggaaggcc	aggaggggca		600
ggactccatg	tccagggcca	aggccaactg	gctgcgtgcc	ttcaacaagg	tgcggatgca		660
gctgcaggag	gcccggggag	aaggagagat	gtctaaatcc	ctatggttca	aaggcggccc		720
agggggcggt	gctatcatca	tgcacagcat	gccagacatc	cgcaagagga	aacctatccc		780
actcgtgagc	actctggcca	tgtccctggg	ccagtcacag	aaagcgggta	tcacctcggc		840
cttggcctcc	agcacggttg	acaacgagga	gctgaaaaac	cacgtttaca	agaagaccct		900
gcaagcctta	atctacccca	tctcgtgcc					929

```
<220>
<221> misc_feature
<222> (29)...(995)
<223> similar to gi56463 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

1454

```

gggcgtgatg accacaggca gtgacatcgg gttcagtgtg atccaggcac atgatgtgca 240
gaacccactc catttcggtg agatgaaggt gtatgtgatc gagccccaca gcatggagtt 300
tgccccgtgc caggtggagg cacgtgtggg ccaggccctg gagctgcccc tgaggatcag 360
tggcctcatg cccggcgggg ccagtggagt ggtcaccttg agcgactgct cccactttga 420
cttggtgtgc gaggtggaga accaggggtg gttccagcca ctcccaggga ggctgccgcc 480
aggctctgag cactgcagcg gcatccgggt aaaggccgag gccaggggct ctaccacgct 540
tcttgtgagc tacagacacg gccacgtcca cctgagtgcc aagatcacca ttgctgccta 600
cctgcccctc aaggctgtgg atccctcctc tgttgcttg gtaaccctgg gtcctcaaaa 660
ggagatgctg tttgaaggag gtcccagacc ttggatcctc gagccgtcca aattcttcca 720
gaacgtcacc gctgaggaca ctgacagcat cggcctggct ctctttgccc cccattcctc 780
cggaattat cagcaacact ggatccttgt gacctgtcag gccttgggtg agcagggtcat 840
cgccctgtcg gtggggaaca agcccagcct caccaacccc tttcctgcgg tggagcctgc 900
cgtggtgaag ttcgtctgcg cccacccgct caggctcacc ctgcgcctg tctacaccag 960
ccccagctg gacatgtcct gtccgctgct gca 993

```

```

<210> 2470
<211> 554
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (223)...(498)
<223> similar to gi2224675 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2470
tttcgtggct gaatcaatgg ctctgaaggc ccgggggagcg tgagcgatgc ccagctgcac 60
ccgggagagg ctgccttttg tttgccagta aggaggagag gctgtctcag ctgcagaggg 120
gtcatccctg cttcaagcca gtgcctcttc ccagctccca tggggaccac cgaagccacg 180
ctccggatgg aaaacgtgga cgtgaaggag gaatggcagg acgaagatct tcccaggcca 240
ctcccagaag agacgggggt ggaactgctt ggcagcccgg tggaagacac atcctctcct 300
cccaacacgc taaatttcaa cggagcgcat cgtaagagga agacgctggt ggccccagag 360
atcaacatth ctctggatca gagtgagggg tccctgctgt ccgatgactt cttggatacc 420
cctgatgacc tggatattaa cgtggatgac atcgagaccc ccgatgagac cgactcgctg 480
gagttcctgg ggaatggcaa cgaactggag tgggaagacg acacccccgt ggccaccgcc 540
aagaacatgc ccgg 554

```

```

<210> 2471
<211> 832
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (33)...(793)

```


<210> 2473
 <211> 1498
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(927)
 <223> similar to gi3171934 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2473
 gcggccccgag cccagctgcc ggccgcgcag cgaataccag ccctccgacg ctcccttcga 60
 gcgcgagacc cagtaccaga aggacttccg cgcttgccg ctgccgcgcc gcggggacca 120
 cccgtggatc cccaagcccg tgcagatctc tgcggcctcc caggcgctcg cgccattct 180
 cggggcgccc aagcgccggc cgcagagcca ggagcgctgg ccagtgcagg ccgccgctga 240
 ggccccgggag caggaggcgg cccccggcgg agcgggtggc ctggcgggccg gaaaggcgtc 300
 cggggcgagac gagcgcgaca cgcgcaggaa ggccgggcct gcctggatgg tgcgccgcgc 360
 cgagggcctg gggcacgagc agacgccgct gcccgcggcc caggcccagg tccaggccac 420
 cggccccgag gctggcaggg ggcgcgccgc ggcggaagcc ctcaaccggc aaatccgcga 480
 ggaggtggcg agtgcagtga gcagctccta caggaatgaa ttcaggggcat ggacggacat 540
 caagcctgtg aaaccaataa aggccaaagcc ccagtacaag cccccagatg ataagatggt 600
 tcatgagacc agctacagtg ctcaagttcaa aggagaggcc agcaagccaa caacagctga 660
 caataaggtc attgatcgca gaagaatacg cagcctctac agcgaaccct tcaaggaacc 720
 cccaaagggtg gaaaaaccta gtgttcagag ttccaaacca aaaaagacct cagcgagcca 780
 taagcccacg aggaaggcca aagacaagca ggcggtgtca ggccaggctg ccaagaaaaa 840
 gagcgcgagc ggccccgagta ccaccaagcc agacgacaag gagcaaagca aagagatgaa 900
 caataaactg gctgaggcga aagagtaaat ttccctgcac tttcctttta ctcttctctc 960
 tctctccctc cccccaactt ttttttttta aaccaaaaaa caaaaaaagg ccacaaaatt 1020
 aattagaggc ttctcatctg ccttggtcct gagggttcca ggagctcttt ggtttggtt 1080
 cttttgatgg aagaatcctg cttcacagac tgagtggcag gcctcctcct gagggccagc 1140
 ccctgggagc accagggaag cgttgccgct ggctgtgccc tccctgggc actctgactg 1200
 catgctgatg agcaaggcag gcaggtctga gaggcgaaac gaatctcccg gcagtgtctg 1260
 ggaagtgtct gtgggggtct cctcctccca gatccccaag atctgttgct actggtcgat 1320
 tttgaacttt aggtacatgt gttcttttca aaaattcaga gaatcgatcat gttgccacag 1380
 aagctcagcc tgggcttcag caattgacaa aatttgaaga aatattaac aaaaataaca 1440
 aaaaaagaaa caaccttggc cttaatgtca ataaaaggga gttgtgtctg ttaaaaaa 1498

<210> 2474
 <211> 506
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (37)...(465)
 <223> similar to gi213235 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2474
tttcgttctg gggtgcccgc gggtccgagc tcaactgctcc tcgtgggtggg cagcgagttc 60
gggagcccgg gggtcctcac ctacgtcctg gaggagctcg aaagaggcat ccggtcttgg 120
gatgtcgatc ctggcgtctg caaccttgat gaacagctca aggtctttgt gtcccgacac 180
tctgccacct tctccagcat tgtgaaaggc cagcggagcc tgcaccaccg tggagacaac 240
ctggagaccc tgggtcctcct gaacccatca gacaagtccc tgtatgatga gctccggaac 300
cttctgttgg accctgcctc tcacaagcta ctggtgttgg ctgggccctg cctggaggag 360
acggggggagc tgctgctaca gacagggggc ttctgcctc accacttcct ccaggctcctg 420
aaggacagag agatccggga catcctggcc accacgcccc cacctgtgca gccgcccata 480
ctcacctatc acaccccatc caaaaa 506

<210> 2475
<211> 690
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (26)...(692)
<223> similar to gi5802543 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2475
tttcgtggat gagaccctgg ccagcaggaa gtcggatgcc atcttcagag ctgccaagaa 60
ggacctgctc accctgatga agctggaaga ctcatctctg ttggatggcc ggggtggcgt 120
tctgcacgtt cctgcaggca cgggtggtgtc aaggcaggga gaccaggacg ccagcatcct 180
gttcgtggtc tcggggctgc tgcacgtgta ccagcggaaag atcggcagcc aggaggacac 240
ctgcttggtc ctcacgcgcc ccggggagat ggtggggccag ctggccgtgc tcaccgggga 300
gcctctcatc ttcaccgtca aggccaacag ggactgcagc ttctgtcca tctccaaggc 360
ccacttctat gaaatcatgc ggaagcagcc gaccgtcgtc ctgggtgtgg cgcacactgt 420
ggtgaagagg atgtcgtcct tcgtgcggca aatcgacttt gccctggact ggggtggaggt 480
ggaggccggg cgagcaatat acaggcaggg ggacaagtcc gactgcacgt acatcatgct 540
cagcggccgg ctgcgtctg tgatccggaa ggatgatggg aagaagcgcc tggccgggga 600
gtacggccga ggagacctcg tcggcgtggt ggagacactg acccaccagg cccgggcgac 660
cacggtgcat gccgttcggg actcagaatt 690

<210> 2476
<211> 1316
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (260)...(1099)
 <223> similar to gi3549261 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2476

gcaaggcggc	acgtcctgct	ccccctggtg	aagaagctgc	cctgggcttg	tcgtcctagg	60
gtctccagac	atgtctgagg	tgaagagccg	gaagaagtcg	gggccaagg	gagcccctgc	120
tgcggagccc	gggaagcgga	gcgagggcgg	gaagaccccc	gtggcccgga	gcagcggagg	180
cgggggctgg	gcagaccccc	gaacgtgcct	gagcctgctg	tcgctgggga	cgtgcctggg	240
cctggcctgg	tttgtatttc	agcagtcaga	aaaatttgca	aagggtggaa	accaatacca	300
gttactgaaa	ctagaaacca	atgaattcca	acaacttcaa	agtaaaatca	gtttaatttc	360
agaaaagtgg	cagaaatctg	aagctatcat	ggaacaattg	aagtcttttc	aaataattgc	420
tcatctaaag	cgtctacagg	aagaaattaa	tgaggtaaaa	acttgggtcca	ataggataac	480
tgaaaaacag	gatatactga	acaacagtct	gacgacgctt	tctcaagaca	ttacaaaagt	540
agaccaaagt	acaacttcca	tggcaaaaga	tgttggtctc	aagattacaa	gtgtaaaaac	600
agatatacga	cggatttcag	gtttagtaac	tgatgtaata	tcattgacag	attctgtgca	660
agaactagaa	aataaaatag	agaaagtaga	aaaaaataca	gtaaaaaata	taggtgatct	720
tctttcaagc	agtattgatc	gaacagcaac	gctccgaaag	acagcatctg	aaaattcaca	780
aagaattaac	tctgttaaga	agacgctaac	cgaactaaag	agtgacttcg	acaaacatac	840
agatagattt	ctaagcttag	aagggtgacag	agccaaagtt	ctgaagacag	tgactttttgc	900
aatgatcta	aaaccaaagg	tgtataatct	aaagaaggac	ttttcccgtt	tagaaccatt	960
agtaaagtat	ttaacactac	gcattgggag	attggttacc	gacttactac	aaagagagaa	1020
agaaattgct	ttcttaagtg	aaaaaatatc	taatttaaca	atagtccaag	ctgagattaa	1080
ggatattaaa	gatgaaatag	cacacatttc	atgatatgaa	ttagtttgac	gttattgaga	1140
ttagactaag	gtaatttttt	taatgggacc	tctcatgaga	agactggtaa	atcaaaaata	1200
atgatatttt	ggagcaaaag	tcattttata	tttaactcta	ttttgtacag	taaaaataaa	1260
actttaaaac	aggttgattt	tccaaaataa	atatgctaaa	acctaataaa	aaaaaa	1316

<210> 2477
 <211> 573
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (7)...(571)
 <223> similar to gi5052670 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2477

tttcgtctgg	aggaaagccc	gtgtgggtcgc	tggcaaaagc	gacgggagca	ggtaaaccac	60
gggaacatgc	cagggcttca	gagcaccttc	ctagccatgg	acacggagga	gggggtagag	120
gtgggtgtgga	acgagctcca	cttcggagac	aggaaggcct	tcgcggcgca	cgaggagaag	180
atccagaccg	tgttcgagca	gctgggtgctg	gtggaccacc	cgaacatcgt	gaagttgcac	240
aagtactggc	tggatacctc	tgaggcctgc	gcgaggggtca	tcttcatcac	agagtacgtg	300

tcatcaggca	gcctcaagca	attcctcaaa	aagaccaaga	agaaccacaa	ggccatgaac	360
gcccgggct	ggaagcgctg	gtgcacgcag	atcctgtctg	cgctcagctt	cctgcacgcc	420
tgcaccccc	caatcatcca	cggaacctg	accagcgaca	ccatcttcat	tcagcacaac	480
ggcctcatca	agatcggtc	cgtgtggcac	cgaatcttct	ccaatgcact	tccagatgat	540
ctccgaagcc	ccatccgcgc	tgagcgagag	gaa			573

<210> 2478
 <211> 714
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (80)...(452)
 <223> similar to gi790819 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2478						
tttcgtcggg	ggcgggctcc	accttcacct	ctgccttctg	ctctgcttca	tgctgcccga	60
ggacgctgcc	atggctgtgc	tgacggcctc	caaccacgtg	agcaacgtca	ccgtgaacta	120
caacatcacc	gtggagcgga	tgaacaggat	gcagggcctg	cgggtctcta	cagtgccagc	180
cgtgctgtcc	cccaatgcca	cgctggcact	gacggcgggc	gtgctggtgg	actcggccgt	240
ggaggtggcc	ttcctgtgga	cctttgggga	tggggagcag	gccctccacc	agttccagcc	300
tccatacaac	gagtccttcc	cggttccaga	cccctcggtg	gcccagggtg	tggtggagca	360
caatgtcacc	cacacctacg	ctgccccagg	tgagtacgtc	ctgaccgtgc	tggtcatctaa	420
tgcttctcag	aaccggacgc	agcagggtgt	gatccgcagt	ggccgggtgc	ccattgtgtc	480
cttgagtggt	gtgtcctgca	aggcacaggc	cgtgtacgaa	gtgagccgca	gctcctacgt	540
gtacctggag	ggccgctgcc	tcaattgcag	cagcggtctc	aagcgagggc	ggtgggctgc	600
acgtacgttc	agcaacaaga	cgctggtgct	ggatgagacc	accacatcca	cgggcagcgc	660
aagcatgtga	ctggtgctgc	ggcggggcgt	gctgcggggac	ggcgagggat	acac	714

<210> 2479
 <211> 425
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (298)...(426)
 <223> similar to gi4234 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2479


```

ttccccgggtc gacgattttcg tcgggctttcc cgccggccaa gagattccgg ccaggctctg      60
gacctccgag ccgcgctggg tcctttccctc ccgggaggca agtgggtgatg ctgctgactg     120
cgggcagcgg cggcagagga ggaggaggag gccggaggca gcagccgccc ctggcccagc     180
cctcggccag tccctaccct gaagctgttg agctgcagcg ccggagtctg cccatcttcc     240
aagcgcgggg gcaactgttg gcccagctcc gaaacctgga caacgcggtc ctcacgcggtt     300
ggctatacag tgcgctttga tgatgtcacc tcagaagaca ccaggatcaa gtttctgaca     360
gatggcatgc ttctgcgtga agcaatttca gactctttgg ttccgaaata caagtgggtc     420
at      425

```

```

<210> 2480
<211> 703
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (280)...(704)
<223> similar to gi1504006 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2480
cctgccccct tggctgaggg ggccttcttg gctgaggcta gcctcttgaa gctgtcccct      60
gcaaacaccta cttctgaggg tccaaagggtg gtgagcgtag agttgggtga tgggtacaagg     120
ctgaaaggca ctgtgctgcc tgtggccacc atccagaacg ccagtactgc catgctgatg     180
gcagccagtg tggctcgcaa ggctgtggtg ctgcctgggg ggactgccac cagccctaag     240
atgattgcta agaacgtgct aggcctgggtg ccccaagccc tgcctaaggc tgacgggcg     300
gcagggtctg ggactggggg acagaagggtg aatgggtgcct cgggtggtgat ggtgcaacct     360
tcaaagacag ctactggggc aagtacaggg ggcggcacag tgatatcacg gaccaggtcc     420
agcctgggtg aggccttcaa caagatcctc aacagcaaga acctgctccc tgcctatagg     480
ccaaacctga gccaccagc tgaggctggg ctggccctgc ctcccacggg ctaccgctgc     540
ctggagtgtg gggatgcctt ctattggag aagagcctgg cagggcacta tgaccgtcgg     600
agcatgcgca tcgaggtcac ctgcaaccac tgcgcccggc gcctggtctt cttcaacaag     660
tgcagcctgc tcctgcatgc acgtgaacac aaggacaagg ggc      703

```

```

<210> 2481
<211> 557
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (213)...(560)
<223> similar to gi5689561 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2481
ccggacttcc cgggtcgacg atttcgtctg gccgggaacg cacacaacgt caaagcagtg      60
aataagcgat ttctgcagtt cccgtagctg ccagcctgtg cagtcctctg tgatgcttgg      120
ggaccggctc ctcggtcaca ccccagtcct gctctgaagg ttgccgtttt ccaaacagaa      180
ggatggtagc tagaggggag atagcaagat tctggagtct ggaaagcctt cacttggttt      240
cttcagatgg aggtactgag ccctctgcct tagtggatga caacggtagt gaggaggact      300
tcagctatga agacctctgc caggccagcc ctcggtacct gcagcccggc ggggagcagc      360
tggccatcaa tgagctgac agtgatggca acgtggtctg cgcagaagcc ctgtgggacc      420
atgtgaccat ggatgaccag gaactgggct tcaaagccgg ggatgtcatc caggttcttg      480
aagcctccaa caaggactgg tggtagggcc gcagtgaaga taaggaagcc tggttccccg      540
cgagcttcgt cagattg                                     557

```

```

<210> 2482
<211> 501
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (40)...(397)
<223> similar to gill176422 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2482
gctcccgtct ctgggggaga gctgggtttt catggggcgg cagccgaggc aggaccgcga      60
gccatgaacc gcttcaatgg gctctgcaag gtgtgctcgg agcgcgcta ccgccagatc      120
accatcccga ggggaaagga cggctttggc ttaccatct gctgcgactc tccagttcga      180
gtccaggccg tggattccgg gggtcggcgg gaacgggcag ggctgcagca gctggacacg      240
gtgctgcagc tgaatgagag gcctgtggag cactggaaat gtgtggagct ggcccacgag      300
atccggagct gccccagtga gatcatccta ctctgtggc gcattggtccc ccaggtcaag      360
ccaggaccag atggcggggg cctgcggcgg gcctcctgca agtcgacaca tgacctccag      420
tcacccccca acaaacggga gaagaactgc acccatgggg tccaggcacg gcctgaagca      480
gcgccacagc tgccacctgg t                                     501

```

```

<210> 2483
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (56)...(145)
<223> similar to gi3687907 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```



```

tttttcttaa aactagattg tatccataaa ttgaccagta tagtcaattt ggatagaact 1500
gaaactttct gtctacctgg taaaactaag tgcctaaaaa catgaactat aaatgtagtt 1560
actaggaact cacaacttat atatactatc cattcaatga tacataggac ccaatgtcctt 1620
tgtgtttttg aggttttcct gttactgtgt actttgccat tttacatagt tcactaaaaa 1680
gaaagaagtg ggagaagaag gggggtctat tcattattct atattatgat tctcttcatt 1740
attctgttct cttcattatt ctattcattt cttcacccat ttattcacta aacagtgaca 1800
tagtacttac ttgatgctag gtattacacc agttttgtgg gctataagag tgaataacaa 1860
gcacgtgacc tt 1872

```

```

<210> 2485
<211> 740
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (14)...(712)
<223> similar to gi798832 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2485
gggccgacga tttcgtggtc cagcacctgt gtgctccctt gaggccgagc ggggccctga 60
tgggcgtagc tttgttattg ccaccactcg gcagcgcttc ttccagttca taggccgagc 120
agcagagggg gctgaggccc aggggtttctc agggctcttt gcagcttaca cggaccaccc 180
acccccattc cgtgagtttc ccagcaacct gggctacagt gagttggcct tctacacccc 240
caagctgcgc tccgcacccc gggccttcgc ctggatgatg ggggatggtg tgttgatgg 300
ggcattggac tgtgggcgcc ctgactctct gctgagcgag gagcgagtct gggagtaccc 360
agagggggta gggcatgggg ccagcccacc cctagccatc gtcttgaccc agttccactt 420
catgctgcta ctggcagacc ggggtggaggc agtgtgcaca ctgaccgggc aggtggtgct 480
gcgggatcac ttcttgaga aatttgggcc gctgaagcac atggtgaagg actcctccac 540
aggccagctg tgggcctaca gtgagcgggc tgtcttccgg taccacgtgc aacgggaggc 600
tcgagatgtc tggcgcacct atctggacat gagccgcttc gatctggcca aagagtattg 660
tcgagagcgg accaactgcc tggacacggt cctggcccgg gaggccgatt tctgacgaaa 720
tcgtcgaccc aggaaatcgg 740

```

```

<210> 2486
<211> 1692
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1693)
<223> n = a,t,c or g

```

```

<220>

```

<221> misc_feature
 <222> (8)...(494)
 <223> similar to gi4760778 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2486

gtacggctac	acgccccccgc	cccgccctgct	gcccaggaat	actttctcca	ggaaggcttt	60
caagctgaag	aagccctcca	aatactgcag	ctggaaatgt	gctgccctct	ccgccattgc	120
cgcggccctc	ctcttggcta	ttttgctggc	gtatttcata	gcaatgcatc	tgctcggact	180
caattggcaa	ctccagcctg	cagatgggca	cacctttaac	aatgggataa	ggaccggctt	240
accaggaaac	gatgatgtgg	caacaatgcc	atctggaggc	aaagtgccct	ggtcggtgaa	300
aaacagcagc	atagacagtg	gtgaagcaga	agttggtcgg	tgggtaacac	aagaagtcct	360
accaggggtg	ttttggaggt	cacaaattca	catcagtcag	ccccagttct	taaagttcaa	420
catctccctc	gggaaggacg	ctctctttgg	tgtttacata	agaagaggac	ttccaccatc	480
tcatgcccag	tgccattga	ctagtcacat	aggctccact	gggcctcacc	tttcacatgg	540
agctgaaatg	tggaggcaat	gccaggggtt	ggctgtcagc	ttgcatagca	catcaaatcg	600
cgtcttgcag	aagccctga	tacgaagttt	catttcattt	tggaggaagc	cagatcttta	660
caggcatggt	tttcagaacc	ttcctttcca	aaggagctcg	agctgtagag	aacgattgtg	720
tgaaccaag	agaaccttgg	tttcttctga	actggactga	aagtgccttt	ggaaaggact	780
ttctggacag	accccttctg	gttagctggt	ggcatcctaa	caggagacag	gaactgaaac	840
tgccatctga	gtcagtgggc	accctcctgg	acagctactg	agcagagcaa	ggagaaatct	900
catggcatgc	ttgagtctgg	aaagagaacc	ggtgtgaagg	gtgcacagga	gggcaccatg	960
gatgttttac	aagaaagaca	aggcttgagt	tcatgggaac	tgagagagaa	gcagcaacag	1020
agaaaacagg	atgagttcag	acgggcagca	ccaaatcaca	tnattagaca	gaggagaggc	1080
ttggagtgct	gtaattcagg	agtttgcaac	tttctaagca	aagacctttt	tcctcagtga	1140
aatctatata	gacctgata	taaaaagacg	aaggatagtt	tggtacctag	agttacaggt	1200
caaatcatgg	ttagattata	ggttaaacc	tggtaggtag	ggtgggggta	aaaaacaccc	1260
tgctgtgattg	gcaggaagag	aaggaagaga	tcgagacggg	aaatataaga	ggggggcgct	1320
ataagaatcc	cggggggccc	attctccggc	gggaggaagt	aattttcctt	ctaggggagg	1380
aaataaaaaga	gcgggactgg	ggaagacctt	cttgtggggg	ggtagggggc	acccctcgca	1440
aatgacggg	aggagataga	tattatgtga	gtgtgtgacg	gctcgtcgtg	gcgcgggaag	1500
tgtgctcgtg	caggaggaag	aaatacaccg	cgggcgcgtg	aagcgtgta	tcaacgggat	1560
gaaggtgggc	ttaacgatgg	ttgtggtatc	gtgcgagaga	gcgggtgcgc	gatgacgacg	1620
agtcgcgcac	gagacagagt	tggtattgga	aggaggtgaa	tcgtatgagg	tgatggtggg	1680
gacaggtcgg	ga					1692

<210> 2487
 <211> 959
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (156)...(503)
 <223> similar to gi2511715 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2487
tttcgtcttg atgctgcgat cccgcagcac cctccagcct tgcagaagca gccaccatgc      60
cagtctctaa gtgccccaaa aagtcggagt ccctgtggaa ggggtgggac cggaaggccc      120
agaggaacgg cctgcggagc caggtatacg ctgtgaatgg cgactactat gtgggcgagt      180
ggaaggacaa cgtgaaacac gggaaaggaa cacaggctctg gaagaagaaa ggagccatct      240
atgaggggga ctggaagttt gggaagcgag acggctacgg caccctcagc cttcctgacc      300
aacagacagg aaagtgcagg agagtctact caggctggtg gaaagggtgat aagaaatcgg      360
gttatgggat ccagtttttc ggaccaaggg agtattatga gggtgactgg tgtggcagcc      420
agcgcagcgg gtggggccgc atgtattaca gcaacggcga catctacgag ggacagtggg      480
agaacgacaa gcccaacggg gagggcatgc tgcgcctgag tcaaaatcct agaccctgat      540
ggtgtgctgg cggaggcctt ggccatgttc aggaagacag aggaaggaga ttgatgccag      600
agaacacaaa cgcttcagga gaaattcaag cctgtgtcac ccgatcgctc agaccagtgc      660
ggctctggct ggaggagtca gcagcagctc caggcatgac cccggcacc ccatagggcc      720
cctcactacc cccagcactg ggctatttct tgccaatagg aaggctggtg cttctctccc      780
aggctgtcct cgggaccctc ttcatctctt gatctcatcc tggaatgcat gagaataaag      840
aataaccaag tgggtataagc ctgggcctat gggataagga tggggcactc gagggggctc      900
agcagggctt tcagggttag aagagggaag acctgccttg gctgggctgc ctgggttta      959

```

```

<210> 2488
<211> 1226
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(394)
<223> similar to gi7286 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2488
atccctcggg tcgacgattt cgacagactg ggccaatcat tacctagcca aatccggcca      60
caagcgtctc atcaggggatc tccagcaaga tgtgacagat ggcgtgctcc tggcccagat      120
tatccagggt gtggcaaatg aaaagattga agacatcaat ggctgtccga agaacagatc      180
ccaaatgatt gaaaacatag atgcctgctt gaatttctct gcagctaagg gaataaacat      240
ccaggggctg tctgcagaag agatcaagaa tggaaacctc aaggccattc taggcctctt      300
cttcagcctc tcccgatata agcagcagca gcagcagccc cagaagcagc acctctcctc      360
acctctgccg cccgccgtat cccagggtggc cggggccccc tcccagtgcc aggetggcac      420
ccctcagcaa gccccagggg tgccagtcac tccccaaagg ccgtgccagc ctcaccagcc      480
agcaccacat cagcagtcac aagcacaagg tgaaatgcag tccagacttc caggctcctac      540
cgcgagggtg tccgctgcag gcagcgaggc caaaacacgc ggagggtcaa ctactgctaa      600
caaccgacgc agccagagct ttaacaacta tgataaatcc aaaccagtca cctccccacc      660
cccaccgcca agcagccacg agaaagagcc tttggcaagt tcagcctcct cccaccccgg      720
aatgagtgac aatgcacctg cttccttgga gagcggcagc agctccaccc ctactaattg      780
cagtacctac tcgggcatac cgcattccgg tgcagccacc aagccttggc gcagcaaatc      840
cctcagcgtg aagcacagtg ccacgggtatc catgctctcg gtcaagcctc ctgggcctga      900
ggccccccag cccacacctg aagccatgaa gccggccccc aacaatcaga agtccatgct      960
ggaaaagctg aaacttttca acagttaaagg gggctcaaag gcagggtgagg ggccgggggtc      1020
ccgggacaca agctgtgagc ggctggagac tctgccagc ttcgaagaga gcgaggagct      1080
ggaggccgcc agtcgcatgc tcaccaccgt gggccctgct tccagcagcc ccaagattgc      1140
actcaagggc attgccaga ggacttttag ccgggcactg accaacaaga agagttctct      1200

```

gaaaggcaat gagaaaggga aagaga

1226

<210> 2489
<211> 450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (4)...(160)
<223> similar to gi3327214 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2489
cgggagtgtct acgaggcctt cctggacata gtgcgaagcc tgctgaaggg cagcatcgac 60
cccacacagt acaaggacac cctacgcgag atgttcacca tccatgccta cgtgggcttc 120
accatggaca agctgggtgca gaacattgcg cggcaggtga gccgggcccgg ggtggggccg 180
gccctgagga cggcggaat ggctctacca tcatttcact ccccgctcgg gagggggccc 240
gtggtcagca cagcaaacct atcctgtttt ttcttaattg atacaaaatt cgcataacgt 300
aaaattaacc attttgaagt gtacagtttg gtaacatttg gtacattcac aatattgtgc 360
aaccaccacc tctgtctagt tccagaacat ttcattcttc caaaaggaga ccccatcccc 420
atcagcagcc actggccatt cccctgcccc 450

<210> 2490
<211> 453
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (16)...(454)
<223> similar to gi558637 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2490
ggtcgacgat ttgcgccgcc gtcggacgag gagcgggagc cgtgggagcc gtggacgcag 60
ctgcgcctgt cgggccacct gaagccgctg cactacaatc tgatgctcac cgccttcatg 120
gagaacttca ccttctccgg ggaggtcaac gtggagatcg cgtgccggaa cgccacccgc 180
tacgtagtgc tgcacgcttc ccgagtggcg gtggagaaag tgcagctggc cgaggaccgg 240
gcgttcgggg ctgtccctgt agccggtttt ttctctacc cgcaaaccga ggtcttagtg 300
gtggtgctga ataggacact ggacgcgcag aggaattaca atctgaagat tatctacaac 360
gcgctcatcg agaattgagc cctgggcttc ttctgcagct cctatgtgct ccacggggag 420
agaagattcc ttgggggttac tcagttttcg cct 453

<210> 2491
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (419)...(781)
 <223> similar to gi2285790 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2491
 tttcgtggcg ggcgtccggc tctgaagggc tttagcctta cggagcccg ggccaaacgg 60
 tgcctgcggt gcctgagctg agtgaggccg aggcggggag gccgtgccc gagtaaggcg 120
 aaagagaatg aaagacgtag ataacctcaa aagtataaaa gaagaatgag tctctctctg 180
 tcgccaggct ggagtgcagt ggcatgatct cggctcactg caacctccgc ctcccagggt 240
 caagcgattc ttctgcctca gcctcctgag tagctgggac tacagggttt gtgaaacagg 300
 atctgataat caacctcttg gtaataatca acaatcaaatt tgtgaatatt ttgttgatag 360
 cctttttgag gaagctcaga aggttagttc caaatgtgtg tctcccgtg aacagaagaa 420
 acaggtagat gtaaatataa aattatggaa aaacggattc accgtcaacg acgatttcag 480
 aagttattcc gatggtgcc gtcagcagtt tttgaaactcc atcaaaaagg gggaattacc 540
 ttcagaatta cagggaattt ttgataaaga agagggtggac gttaaagttg aagacaagaa 600
 aaatgaaata tgtttgtcta cgaagcctgt gttccagccc ttttcaggac agggtcacag 660
 actaggaagt gccacaccaa aaattgtttc taaagcaaag aatattgaag ttgaaaataa 720
 aaataatttg tctgctgttc cactgaacaa cttggaaccc attactaata tacagatctg 780
 gg 782

<210> 2492
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(431)
 <223> similar to gi8615 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2492
 ccgcctgccc caagactgtg tctgccagaa tctgtctgag tcaactgggga ccctgtgccc 60
 ctccaagggg ctgctctttg taccctctga tattgaccgg cggacagtgg agctgcgcct 120
 gggcggaac ttcattatcc acatcagccg ccaggacttt gccaatatga cggggctggt 180

Run with FASTXY 3.3t00, default parameters

<400> 2494
atTTTTgaag agtataggTg tcagatcttt ttcaagaaca tcagaaaatg atcgaatacc 60
acatacctgt gtcattcaaa gatgtggttg tgggcttcac ccaagaggag tggcaccggc 120
tgagtccctgc tcagagggcc ctgtaccggg atgtgatgct ggaaacctat agcaacctcg 180
tctcagtggg ttatgaaggc accaaaccag atgtgatcct cagactggag caggaagaag 240
caccatggat tggtgaggca gcatgcccgg gctgccactg ttgggatgga gtttcactct 300
gtcggcccagg cgggagtgc atggcatgat ctcagctcac tgcagcctcc tcctcctggg 360
ttcaagcgat tctcctgcct cagcctcccg agtagctggg actacaggTg tgtgccacca 420
cgcccagctt attttctatt tttagtagag actgggtttc atcatgttgTg tcaggctagt 480
cttgaactcc tgacgtcaga tgatccacct gcctcggcct cccaaaatgc tgggattaca 540
ggcgtgagcc accgcgcca gcttcaaaat attttcaa 578

<210> 2495
<211> 846
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (76)...(847)
<223> similar to gi4589676 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2495
gaattcccg gtcgacgatt tcgtatgact ttggctgcc a gctggaaga ctttgagctg 60
acactggagc acctgctcat ggatgtgttt atgacggagg gccgccgatg tcaagtacat 120
cttcttgatg acaggaagct ggaactccta gtacagccca agctgttggc caaggagctt 180
cttgaccttg tggcttctca cttcaatctg aaggaaaagg agtactttgg aatagcattc 240
acagatgaaa cgggacactt aaactggctt cagctagatc gaagagtatt ggaacatgac 300
ttccctaaaa agtcaggacc cgtgggtttta tacttttTgTg tcaggttcta tatagaaagc 360
atttcatacc tgaaggataa tgctaccatt gagcttttct ttctgaacgc gaagtccTgTg 420
atctacaagg agcttattga cgttgacagc gaagtggTgTg ttgaattagc ttccatatatt 480
ttacaggagg caaagggaga tttttctagc aatgaagtTg tgaggagtga cttgaagaag 540
ctgccagccc ttcccaccca agccctgaag gagcaccctt ccctggccta ctgtgaagac 600
agagtcatTg agcactacaa gaaactgaac ggtcagacaa gaggtcaagc aatcgtaaac 660
tacatgagca tcgtggagtc tctcccaacc tacggggTtTc actattatgc agtgaaggac 720
aagcagggca taccatggTg gctgggcctg agctacaaag ggatcttcca gtatgactac 780
catgataaag tgaagccaag aaagatatTc caatggagac agttggaaaa cctgtactTc 840
agagaa 846

<210> 2496

<211> 646
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (2)...(477)
 <223> similar to gi5295850 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2496
 gcgagccctg gacctctctg tgcagtatcc tccagagaac ctgagagtga tggtttccca 60
 agcaaacagg acagtcctgg aaaaccttgg gaacggcacg tctctcccag tactggaggg 120
 ccaaagcctg tgcctggtct gtgtcacaca cagcagcccc ccagccaggc tgagctggac 180
 ccagagggga caggttctga gcccctccca gccctcagac cccgggggtcc tggagctgcc 240
 tcgggttcaa gtggagcacg aaggagagtt cacctgccac gctcggcacc cactgggctc 300
 ccagcacgtc tctctcagcc tctcctgca ctataagaag ggactcatct caacggcatt 360
 ctccaacgga gcgtttcttg gaatcggcat cacggctctt cttttcctct gcctggccct 420
 gatcatcatg aagattctac cgaagagacg gactcagaca gaaaccccgga ggcccagggtt 480
 ctcccggcac agcacgatcc tggattacat caatgtggtc ccgacggctg gccccctggc 540
 tcagaagcgg aatcagaaaag ccacacccaaa cagtcctcgg acccctcttc caccagggtgc 600
 tccctcccca gaatcaaaga agaaccagaa aaagcagtat cagttg 646

<210> 2497
 <211> 564
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (101)...(473)
 <223> similar to gi3881040 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2497
 ttctgtgggg gtatgggcgt gtggtggggc agaaagccta gaccaggtg gtcctgagct 60
 ggggccacc ctccgagcca tgggtgcccc ctgccagcta ttgacacagc tgcgaagtgc 120
 ccaggaagag gagaaccggc agctgctggc tgaagtccag gccctgagcc gggagaacag 180
 ggagctcctg gagcgagcc tggagagtcg ggaccacctg caccggaac agcgggagta 240
 cctggaccag cttaatgccc tgcgcgcga gaagcagaag ctctgggaga agatcatgga 300
 ccaataccgc gtgctggagc ctgtgcccct gccccggacc aagaaggga gctggctggc 360
 agacaagggt aagaggctga tgcggccccg gcgggagggg ggccccctg gggggctgcg 420
 cctggggggc gatggggctg gcaacaccga aagcctgggg ggcccccccg agacggaact 480
 ttctgagggc atggaagcaa atgggaacag ggtcccttcc cccgcaaccc ttggggcggg 540
 ccagagttc cttttgcttg cggg 564

<210> 2498
 <211> 816
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (33)...(810)
 <223> similar to gil008988 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2498

tcatacaggaa	cctcaattct	cctgcactgc	tggaagacag	tgtgataaga	caagcaaaag	60
cagctggaaa	aagaatagtc	ttttatggag	atgaaacctg	ggttaaatta	ttcccaaagc	120
atattgtgga	atatgatgga	acaacctcat	ttttcgtgtc	agattacaca	gaggtggata	180
ataatgtcac	gaggcatttg	gataaagtat	taaaaagagg	agattgggac	atattaatcc	240
tccactacct	ggggctggac	cacattggcc	acatttcagg	gccaacagc	cccctgattg	300
ggcagaagct	gagcgagatg	gacagcgtgc	tgatgaagat	ccacacctca	ctgcagtcga	360
aggagagaga	gacgccttta	cccaatttgc	tggttctttg	tggtgaccat	ggcatgtctg	420
aaacaggaag	tcacggggcc	tcctccaccg	aggaggggaa	tacacctctg	attttaatca	480
gttctgcgtt	tgaaaggaaa	cccggtgata	tccgacatcc	aaagcacgtc	caacagacgg	540
atgtggctgc	gacactggcg	atagcacttg	gcttaccgat	tccaaaagac	agtgtaggga	600
gcctcctatt	cccagttgtg	gaaggaagac	caatgagaga	gcagttgaga	tttttacatt	660
tgaatacagt	gcagcttatt	aaactgttgc	aagagaatgt	gccgtcatat	gaaaaagatc	720
ctggggttga	gcagttttaa	atgtcaaaaa	gattgcatgg	gaactggatc	aaactgtact	780
tgaggagaaa	gcattcagaa	gtcctattca	acctgg			816

<210> 2499
 <211> 728
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (540)...(731)
 <223> similar to gi5706479 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2499

tttcgtcaca	gccctgtcac	gaatcccggg	cgggttcttg	gagggcacagc	ctcgggggttg	60
cgggcccggg	gcggctcggc	ggtggaggac	tcacttctctg	ctccatcccc	ggctgggccc	120
tggggcgga	ctgatgacgc	ttgataatgt	ggctggggac	ttcagggaag	agtgggttac	180
ctggacactg	cttagagaat	cctctccagg	aatgccaccc	agcacagtta	gaagaatggg	240
ctctcaaagg	aatttcagg	cctagtgtaa	tctcccagcc	ggagcagaaa	gaagagccat	300

<210> 2501
<211> 635
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (44)...(286)
<223> similar to gi4929647 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2501
tttcgtcggg ggccctgcc ggcgtgtgc ctgctgccct ggagcttaca ctccaggcgg 60
acgggtccc cggaggcaga gggaggctct gaagggtgtgc gctctttctc ttcttttctc 120
cacagatata gcaaacggca ccagttcagg ggggtaccgc ccgcctccca gaaccaaaga 180
agtcatacat aatggccaga ccgtgaaact taaatactgt ttcacctgca agattttccg 240
gccccctcgc gcctcccat ggcgcctttg tgataactgc gtaggcaaat cgggatgggc 300
aggactgtcc caagagaacc agactgagcc acaaggacct ctgatgggga gtgctggacc 360
ctgggggttcc cttggccccc agatctcaga ttatggacca tcagagcagg aatgccctag 420
gggtcttctg accatcactc accttttaga ggcggaaagc caagcaccat cgtgaatatt 480
acaagcatga atggcagcct catggaaaga accctccagg tgaatctgag catatacagg 540
ggaacacctg ttctctttac ctcatataac aggcattagt gacagtcacg agacactgca 600
gtatgtatat ctttttatta ccagatgaga tattg 635

<210> 2502
<211> 564
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (215)...(563)
<223> similar to gi798946 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2502
aattcccggg tcgacgattt cgtggcggcg ccagttggg gcggttcgt tcgcttcgcg 60
ttttggccag ggcgggggtc tgggcttttag gcaggtagta tttagtttca caatgtttgg 120
ggacctgttt gaagaggagt attccactgt gtctaataat cagtatggaa aagggaagaa 180
attaaagact aaagcttttg agccacctgc tcctagagaa ttcaccaatt taagcggaat 240
cagaaatcag ggtggaacct gttacctcaa ttcccttctt cagactcttc atttcacacc 300
tgaattcaga gaagctctat tttctcttgg ccagaagag cttgggttgg ttgaagataa 360

ggataaacc	gatgcaaagg	ttcgaatcat	ccctttacag	ttacagcgct	tgtttgctca	420
gcttctgctc	ttagaccagg	aagctgcatc	cacagcagac	ctcactgaca	gctttgggtg	480
gaccagtaat	gaggaaatga	ggcaacatga	tgtgcaggaa	ctgaatcgaa	tcctcttcag	540
cgctttggaa	acttctttag	ttgg				564

```

<210> 2503
<211> 498
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (283)...(499)
<223> similar to gi312212 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

<400> 2503						
gttccgcgt	cgacccacgc	gtccgagcaa	aaccactctt	cctaaaatgt	tagaagctgc	60
tcttcgctta	ccttggggcc	tttgcatgg	gagctgtttt	tcacatcaaa	gaatatgtgc	120
tgaatggaat	tttagtat	tgctgtcgtt	ttaatat	cgtctggtct	tcctcagttc	180
ttccagacgc	tttctgagag	aatgggggca	ggagctctag	ccatctgtca	aagtaaagca	240
gcggttcggc	tgaaagaaga	catgaaaaag	atagtggcag	tgccattaaa	tgaacagaag	300
gattttacct	atcagaagtt	atttggagtc	agtctccaag	aacttgaacg	gcaggggctc	360
accgagaatg	gcattccagc	agtagtgtgg	aatatagtgg	aatatattgac	gcagcatgga	420
cttacccaag	aagggtctttt	taggggtgaat	ggtaacgtga	aggtggtgga	acaacttcga	480
ctgaagtgcg	agagtggg					498

```

<210> 2504
<211> 880
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(881)
<223> n = a,t,c or g

<220>
<221> misc_feature
<222> (714)...(847)
<223> similar to gi4097712 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2504
cccagtccca cattgagccc tgatcccatc caagtccata gacttggcct ctgaccaaac      60
ctgaccctgc acttgtcact taaggtgggc ccatattcag ctcagaccct gaaccgagct     120
ctgaccctgg cttctgactg aatctgtgac agactaaggc ctgaccctgg ccctatacca     180
cgtctccacc cgtgtccctca actgagtgtc gaccccaaac ctagacagcc ctacctgatc     240
cttccccccag gcctgtcccc gccgcttcac ctcaaaagtt gaaggtgagg agccggtaaa     300
caggtctgga gcctggtctc agactcagcc tgagcaagct cagtctgggg tcattggggc     360
tgtaaccccc ggagggccct tgtaggggat gcaggggtctc accctagggg tataagggat     420
ttctgtgccc atcagaactt nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn     480
nnnnnnnnnn nnnnnnnnnn attttgctgt tagcatatgt gatgaccttg acttcacctc     540
cctggcgcca atatcctctt ctgtaaaatg gcttatgcat tacaaagtga ggtcctgcca     600
gtgactacac ctagaggcat taagtgcctt tgtggactcc tgccctgcac ctcacctctc     660
ccagcttttt aacccccctga ggaaccttct taccttgagt cctcaccgag ctacaggcca     720
tccatgagca gatgaactgc aaggagtatc aggaggacct ggccctgcgg gctcagaacg     780
atgcggctgc ccggcgcccg tcagagatgt ttaaggtgag gctggctcag ggtcgtggcc     840
tagcatcttt aagttctggg atccagctctg gggtagggag

```

```

<210> 2505
<211> 431
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (3)...(434)
<223> similar to gill174187 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2505
gaattcgaga agaccaactg gatagtaatt tccagatgca atcagaaaat ttctgttctt      60
atatcttcac ccatgcaaag accaagaccc tgagagaggg aatccttgtc actggaaacc     120
ggctggggat gctggtggag acctacctgg atgccatcaa cagtggagcg actccttgtc     180
tgagagaatgc aatggcagtt ctggcccagt gtgagaactc agcagccgtg cagagggcag     240
ccaaccacta cagccagcag atggcccagc aagtgaattt cccacagac acactccaag     300
agctgctgga cgtgcatgca gtttgtgaga gggaagccat tgcagtcttc atggagtact     360
cctttaaaga taaaagccag gaatttcaaa agatgcttgt ggacaccatg gagaaaaaga     420
aggaagactt t

```

```

<210> 2506
<211> 1066
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1067)

```


<223> n = a,t,c or g

<220>

<221> misc_feature

<222> (28)...(149)

<223> similar to gi2072784 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2506

tgaccctcgt	aagngcgttg	gaattccctc	acctgtgtgg	tcctcacctt	cctgggccac	60
cgctgtctga	aacggtttct	ggtgccaaag	ctgaggaggt	ttctcaagcc	tcagggccat	120
ccccgcctgc	tgctctggtt	taagaggtga	gtgagctcac	agccccgagg	cagggcaggg	180
gagggcccct	gagctgaggg	gttggctcca	gggttatggc	cagggctgga	ggaggaggaa	240
ggctctgtgt	catggagaac	tctctggcgc	cccagggcag	gagccagtgg	gtggcttcaa	300
acaaagcagc	atctttgttg	tgtttcacca	gttcttagtc	ccagttacag	caggtgactg	360
tggtggacga	aaactggact	caacagtttc	ctccattcag	ggatcccagg	ccatggagca	420
aggagggccc	gaatcagtac	ctccctcaga	tcacctggac	agtgtgagac	aaaaagccgc	480
agggaccatc	cctggagggg	gattcagcag	gctcgatcgg	gggccaggtg	ctggtatttt	540
tcattagcct	ccaggggatt	ctgatgtagc	cagcagcgtc	cttggacaac	agtttgagat	600
ctgctgcttt	tcaaactgga	ttccttggag	cgctggaaat	ctcagcgatg	tcacagggca	660
ggagagggag	gttgtggagg	gaaaattcag	acttcccgcc	cagcccacca	tttcaccagg	720
cagctctaaa	tttatgtgtt	ttataagcca	aggttcacac	aaaaaagaaa	attcgctggg	780
gggaaaaaaaa	cagtttctat	ggcttaaaaa	aaagtctgaa	gaccaccagt	ctatttcaat	840
actctatttt	gttgatgaag	aagctggtga	ccaaagatac	ccaaagacta	agtcaggggg	900
atgcaggggt	acaggggtgc	ctctcacttt	cccaaagtga	gatccacata	ccacagcaaa	960
atgatttgag	ccagcctgtg	gatgaacaca	tttaaaat	tatttataaa	tacatttact	1020
gttacatttg	acttctcttt	attaaataca	tttgtgattt	ataaaa		1066

<210> 2507

<211> 659

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (70)...(597)

<223> similar to gi5924007 in the genepept database release 114,

Run with FASTXY 3.3t00, default parameters

<400> 2507

tacggggaat	tcgtcaccta	ccaaggggtg	gctgtgacgc	ggagccggaa	agaaggcatc	60
gcacacaact	acaaaaatga	gacggagtgg	agagcgaaca	tcgacacagt	gatggcgtgg	120
ttcacagagg	aggacctgga	tctggtcaca	ctctacttcg	gggagccgga	ctccacgggc	180
cacaggtacg	gccccgagtc	cccggagagg	agggagatgg	tgcggcaggt	ggaccggacc	240
gtgggctacc	tccgggagag	catcgcgcg	aaccacctca	cagaccgcct	caacctgac	300
atcacatccg	accacggcat	gacgaccgtg	gacaaacggg	ctggcgacct	ggttgaattc	360
cacaagttcc	ccaacttcac	cttccgggac	atcgagtgtg	agctcctgga	ctacggacca	420

```

aacgggatgc tgctccctaa agaagggagg ctggagaagg tgtacgatgc cctcaaggac 480
gcccaccca agctccacgt ctacaagaag gaggcgttcc ccgaggcctt ccactacgcc 540
aacaaccca gggtcacacc cctgctgatg tacagcgacc ttggctacgt catccatggg 600
gtgagtcgcc tgctggaggc accacctcca ggggctccct cccaggctc tgggtcttc 659

```

<210> 2508

<211> 248

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (3)...(251)

<223> similar to gi3877926 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2508

```

ggctggtttc agtttccaag aaaagtgtgt cctacatggt aagcaaggag ggaggtggaa 60
acatctctgt cattgtcctt gggggtgcaa aagaatcact ggatgctcat cctggaaaagt 120
tactctgtt catccgccag cggaaaggat ttgttaaaat tgctttgacc catggcgcct 180
ctctggtccc agtggtttct tttggtgaaa atgaactgtt taaacaaact gacaaccctg 240
aaggagcg 248

```

<210> 2509

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (44)...(171)

<223> similar to gil370222 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

<400> 2509

```

atctgttatg acaccttgcg cctgtccatc ccctccaccc tgcagcaacc tgggctggct 60
gagttatggt gctttgaagg gagacgggat cctcatcgtc gtcaacacag tgggtgctgc 120
gcttcagacc ctgtatatct tggcatatct gcattactgc cctcggaagg tagaggccct 180
cccttgacc cacctatctg ctgcacgccc tgcccttgctg gcagggcaaa cactatttcc 240
tagaagactg taacagctgg cactgccacc ttttccagga aggcctctcc agccttgtag 300
gtccccttcc tctatgaagc cagccttctg agatgaacac attgccccca tttaggcaag 360
gctggtagct ctgcctagcc tgagatgcct atgctgcctg ccctgggctt cagccaacaa 420
gctaaggggg aagggtttt gtctctgata tttctttcag agg 463

```

[illegible]

<400>	2510						
gacttc	tcgggtcgac	ccacgcgtcc	gcacatataa	cacatcacgc	accttttgag		60
acactt	ggttctcgcc	tttcttttca	agagaccatt	cttcaacaga	actgtaagga		120
ctttgg	ctgaatcaga	tgtgacgcat	cccacttctg	cgtttgaggt	ctagcacata		180
tccaag	ggctttgacg	tcacagtga	gcactcacac	ggaagctgga	cgggcttcgg		240
gaagac	ctcgccacca	tcccaaagg	gttgaatact	tattttcttg	tcaacattgc		300
attttt	gaatcaaaga	atttcttttt	gcctgggatt	aatggaatg	gaatacttgg		360
ctttat	gccacacttg	ccaagccatc	aagtctctctg	gagaccttct	tc		412

```
<220>
<221> misc_feature
<222> (1)...(379)
<223> n = a,t,c or g
```

<400>	2511						
acctt	ccctggggcc	agcgtgacca	cgaacaagac	cgtccatctc	aacgtgtcct		60
tgtctg	ggcgggacg	cctgggtccc	tgatggggtg	agcgtcaagc	ctggacactg		120
ctgggt	cccggaatct	gggctggtgg	tggggtcaag	aggacactgg	ctctgccttc		180
ttatg	cggctcctgg	ggacagacag	ggccagtgtc	cccagccctc	acagtgatgc		240
tccat	gtctttctgt	cccagacccg	cctcagaact	tgaccatgac	tgtcttccaa		300

```

ggagacggca cagtatccac agtcttggga aatggctcat ctctgtcact cccagagggc 360
cagtctctgc gcctggtn 378

```

```

<210> 2512
<211> 948
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (119)...(839)
<223> similar to gil769467 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2512
gggacaggac ccagagccgg ggcaagacct attccagcca gaacgggaag tggatcctag 60
ctggggccga ggccgagagc caagacttgg caagctacgc tttcagaacg atcacctctc 120
cgtgctgaag caggtcaaga aactcgagca ggctttgaag gatgggtcgg cagggctgga 180
tccccagtta ccagggactt gttactcccc aactgccct cctgacaagg cagaggcagg 240
gtccaccctt cctgagaacc tgggaggcgg gagtggctca gaagtcagcc agaggggtcca 300
cccctcggac ctggaaggca gggagccac ccctgagctt gtggaggaca ggaaagggttc 360
atgcagaagg ccctgggacc ggagccttga gaacgtgtat aggggctcgg agggttcccc 420
caciaagccc ttcatacaacc ctctgccaaa accccggaga acgttcaaac atgccggaga 480
agggggacaaa gatgggaagc ctggcatcgg cttcaggaaa gagaaaagaa atctgcctcc 540
tctgccctct ctacctcccc cgcctctgcc ctccctctccc ccaccttcct ctgtgaacag 600
aagactgtgg accgggagac agaaatccag tgcagaccac agaaagtcct atgagtttga 660
agatttactg cagtcttcct ctgagagcag caggggtggac tggtagcgcg agactaagct 720
ggggctgaca cgcactttat cggaggagaa cgtctatgaa gacattctag atccgccaat 780
gaaggagAAC ccttatgagg acatcgagtt acatggtcgc tgcctgggaa agaagtgtgt 840
cttgaatttt cctgcttctc ccacctcttc catccctgac aactcacca agcagtcatt 900
gtccaaacct gcttttttcc gacaaaattc agagaggagg aatgtatt 948

```

```

<210> 2513
<211> 534
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (32)...(536)
<223> similar to gi4176448 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2513
gggaaaccct tgtcccaaaa gcccatgtgt acagcaaaag caaatgaccc ggagtcagca      60
gatggatgaa ctctgggacg tgcttattga aagcggagaa atgccagcag acgctagaga      120
ggatcactca tgtcttcaaa aagtcccaaa gataccaga tcttcccgaa gtccaactgc      180
tgtcctcacc aagccctcgg ctctctttga acaagcctct tcaggcagcc agatcccctt      240
tgatccctat gccaccgaca gtgatgagca tcttgaagtc ttattaaatt cccagagccc      300
cctaggaaaag atgagtgatg tcacccttct aaaaattggg agcgaagagc ctcaactttga      360
tgggataatg gatggattct ctgggaaggc tgcagaagac ctcttcaatg cacatgagat      420
cttgccaggc cccctctctc caatgcagac acagttttca cctctttctg tggacagcaa      480
tgggctgcag ttaagcttca ctgaatctcc ctgggaaacc atggagtggc tggg          534

```

```

<210> 2514
<211> 582
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (7)...(583)
<223> similar to gi3451308 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2514
atgtcagtga gacttccacc catcacaag tttgcagcag aggaagctcg tgaaagtgc      60
tgggatggta tcattgcttg ccatcaaggt aagctatctt gctcaacctg gaattatcag      120
aaatctacaa taggcgctta ctttctcaag ccaaaagagt tgaagaaaga tgacataact      180
gcaacagcag tggatataac ttcttggtga aactttgctg taattggcct ctcatcagga      240
actgtagatg tatataacat gcagtctggc atacatcgag gaagtttttg caaggatcaa      300
gctcacaagg gatctgttag aggtgtcgca gtggatggat taaaccagtt gacagttaca      360
actggtagtg aaggattact caaattctgg aactttaaaa acaaaatttt aatccattct      420
gtgagcctca gttcatctac aaatatcatg ttgctacata tggacagcgg cattctggga      480
ctgccttggt atgacttctc cattattggt ctggacatag aaactatgaa gattgtcaga      540
gagttttctg gacaccaagg cccaataaat gacatggctt tt          582

```

```

<210> 2515
<211> 942
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(935)
<223> similar to gil906596 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2515
ccgtgtcgcac ccacgcgtcc gagagaaagt gggcaaaactc agcctgggtg atttagctgg      60
cagtgaacga gcaacgaaga caggcgctgc aggggacagg ctgaaggaag ggagcaacat      120
taacaagtcc ctcacaaccc tcggtctggt tatctcagct cttgcagatc agagtgtctg      180
caaaaacaag aataaatattg ttccatatcg tgactcagtt ctcacttggtc tgctcaaaga      240
cagcctcggg ggtaacagca agaccgccat ggtggctact gtgagtcctg cagctgataa      300
ctatgatgaa accctctcaa ctctgcggta tgcagatcga gccaagcaca ttgtaaacca      360
cgctgtggtg aatgaggacc ctaatgcccg aattatccgg gatctccggg aagaagttga      420
gaaactccgg gagcagctga ccaaagcaga ggcaatgaaa tctccagagc taaaggaccg      480
gctggaagaa tctgagaagc taatccagga aatgactgtg acctgggagg agaaattaag      540
gaaaacggag gagattgcac aggaacgaca gaaacagctt gagagtcttg gaatatctct      600
tcagtcttcg ggaatcaaag ttggggatga taaatgcttc cttgtgaatc tgaatgtctga      660
cccagctctg aatgagcttc tgggtgtacta tttaaaggaa catacattga tagggtcagc      720
aaattcccaa gatatccaac tgtgcggcat ggggaattctt cctgaacact gtattataga      780
catcacgtca gaaggccagg ttatgctgac tcctcagaag aacaccagaa catttgtaaa      840
tgggtcatct gtctccagtc caatacagct acaccatggg gacaggatat tatggggaaa      900
caatcatttc ttcagactca atttgcctaa aaaaaaaaaa aa                        942

```

```

<210> 2516
<211> 614
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (23)...(487)
<223> similar to gi2113888 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2516
ctcattacgc caagcttggc acgaggagct gcccgcgcgc gatgtggtca tctctcagcc      60
cttctggccc gcatatctca gtgcggagcg aattgccaag gcgccaagc tgaagctggc      120
attgacggcg ggaatcggct cggacatgt tgacctggat gctgcgatca aggcgggtat      180
caccgtcgcc gaggtgacgt actgcaacag catcagtgtg gctgagcatg ccgtcatgca      240
gatcctggca ctggtgcgca attaccttcc gtcgcaccag tgggtggtcg acggcggctg      300
gaacatcgcc gacagcgttg aacgcgccta cgaccttgag ggattcgatg tcggcatcat      360
cgcggcaggg cgcacgcggac aagcagtaat gcgtcggctc aagccatttg acgtgcggct      420
gcactacttc gacactcgtc gattgcctgc ccatgtggag caggagctgg ggctcaccta      480
tcacccaaac gtgcactcct ggtcagctct gggacatcgt cgacatcatc ccccggtgcag      540
ccacaacata ttacttggtg acgcaaactg atcaattcat gcgcgcggtt tgacattgtg      600
aacacgggcg tggg

```

```

<210> 2517
<211> 622

```

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (7)...(542)
 <223> similar to gi499686 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2517
 cctgacccct gcctgaatgg aggctcttgt gttgacctag tggggaatta cacctgcttg 60
 tgtgccgagc ccttcaaggg acttcgctgt gagacaggag accatccagt gccagacgcc 120
 tgctctcggg ccccttgcca caatgggggc acctgtgtgg atgcggacca gggctacgtg 180
 tgcgagtacc ccgaaggctt catgggcctg gactgcaggg agagagtccc cgatgactgt 240
 gagtgccgca acggaggcag atgcctgggc gccaacacca cctcttgcca gtgccccctg 300
 ggattctttg ggcttctctg tgaatttgaa atcacagcca tgccctgcaa catgaacaca 360
 cagtgccagc atgggggcta ctgcatggag cacggcggga gctacctctg ccagtgcccc 420
 ctgggattct ttgggcttct ctgtgaattt gaaatcacag ccatgccctg caacatgaac 480
 acacagtgcc cagatggggg ctactgcatg gagcacggcg ggagctacct ctgcgtctgc 540
 cacaccgacc acaatgccag ccactccctg ccatcacctt gcgactcgga cccctcctcg 600
 tgccaagctt ggcgtaatga ga 622

<210> 2518
 <211> 426
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (30)...(426)
 <223> similar to gi5420315 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2518
 atacgccaaag cttggcacga ggcccggagc cagggaccac ccgtgacgtg ctggagaccc 60
 cagtcgacct ggccggattt cctgtgctgc tgagcgacac ggctgggttg cgggagggcg 120
 tggggcccggt ggagcaggag ggcgtgcggc gcgcccggga gaggctagag caggctgacc 180
 tcattctggc catgctggat gcttctgacc tggcctctcc ctccagttgc aacttcctgg 240
 ccaccgtcgt agcctctgtg ggagcccaga gcccagtgga cagcagccag cgcctcctcc 300
 tgggtgctgaa caagtgcggac ctgctgtccc cggagggccc aggtcccggg cctgacctgc 360
 ccccgcacct gctgctgtcc tgtctgacgg gagaggggct ggacggcctc ctggaggcgc 420
 tgagga 426

<210> 2519
 <211> 527
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(530)
 <223> similar to gi2905832 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2519
 ttagtccagt gcggtggaat tcgttactgt ttggagtttg tttttttcat gcccttgtgc 60
 aagagagaaa gaaattttgt cctcttggtt ggaatattcc atatggattt aatgaatctg 120
 acttgcgcat cagtatccga caactgcagt tatttatcaa tgaatatgat acaattccat 180
 ttgaagctat atcttacctg actggggagt gtaattatgg aggaagagtg acagacgatt 240
 gggacagacg tcttctatta accatgctgg ctgactttta taatctgtac atagttgaaa 300
 accctcatta taagttttct ccagtgga aaacttttgc acctcctaaa ggcacttatg 360
 aggactacat tgaattcatt aagaaacttc catttactca acaccctgag atatttgatg 420
 tacatgaaaa cgttgacatc tccaaggatc ttcaacaaac aaaaaccctc tttgagtcct 480
 tgctcctcac ccaggaggagc ttcaaacaga caggagcctc aggaagg 527

<210> 2520
 <211> 456
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (2)...(224)
 <223> similar to gi5912186 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2520
 atgtgtcaac acttttgga gctacatctg caagtgtcat aaaggcttcg atctcatgta 60
 tattggaggc aaatatcaat gtcatgacat agacgaatgc tcacttggtc agtatcagtg 120
 cagcagcttt gctcgatgtt ataacgtacg tgggtcctac aagtgcaa atgtaaagaagg 180
 ataccagggt gatggactga cttgtgtgta tatcccaaaa gttatgattg aaccttcagg 240
 tccaattcat gtaccaaagg gaaatggtag catttttaaag ggtgacacag gaaataataa 300
 ttggattcct gatgttgga gtacttggtg gcctccgaag acaccatata ttctcctat 360
 cattaccaac aggcctactt ctaagccaac aacaagacct acaccaaaagc caacaccaat 420
 tcctactcca ccaccaccac cacgaattcc accgca 456

<210> 2521
 <211> 961
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (18)...(964)
 <223> similar to gi3874766 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2521
 gcaccgacgt ggctttctac cccaattact ttgactgcc aacgggtggag aagagaatcg 60
 aggacttcat cgagtcactg ttcatcgtgc tggagtccaa gcgtctggac agagccacag 120
 acaagtctgg ggataagatc ccccttctct gtgtcccgtt tgagaaaaag gactttgtag 180
 gactggacac agacagcaga cattacaaga agcgggtgcc aaggccgatg cggaagcacg 240
 tgggggacct gtgcctgcag gcagggatgc tgcaggactc cctggtgcat taccacatgt 300
 cggtggagct gctgcgttct gtgaatgact ttctgtggct tggagctgcc ctggaaggat 360
 tgtgttcagc ttctgtcatc tatcactatc ctggtggaac tggtggaag agtggagctc 420
 ggagggtcca gggcagcacc cttcctgctg aagcagccaa tagacaccgg ccaggggcac 480
 aggaagtctt cattgatcca ggtgccctca ccaccaatgg catcaaccct gacaccagta 540
 ctgagatcgg acgtgctaag aactgcctta gccctgaaga cataattgac aagtataaag 600
 aggcgatttc ctattacagc aagtataaga atgcgggagt gattgagttg gaagcgtgca 660
 tcaaggctgt acgtgtcctt gcaattcaga aacggagcat ggaagcatca gaatttcttc 720
 agaatgcagt ttacattaac cttcgacagc tttctgagga agagaaaatt cagcgtaca 780
 gcatcctctc cgagctctat gagctgatcg gcttccatcg caagtctgcg ttcttcaagc 840
 gcgtggccgc catgcagtgc gtggcccca gcatcgcgga gcctgggtgg agggcctgct 900
 acaaaactct cctggaaaacg ctgcccggct acagtctgtc gctggatccc aaagatttaa 960
 g 961

<210> 2522
 <211> 879
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (372)...(822)
 <223> similar to gi4336692 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2522
 acgtctagtc cagcgtggtg gaattcgcct ccggttctcg ccggtctctg gacccgcctc 60
 cgaagacgtg gagcgtgctg gcggctgatt tgtcaaagat gaaagtgacc ttatcagctt 120
 tggatacttc tgagagttct ttcacacctt tgggtggtcat agaacttgct caggatgtca 180
 aagaagaaac caaagaatgg ctgaaaaaca gaattatagc taacaaaaaa gatggagata 240
 acaatgatga tttcctgaca atggcagaat gtcaattcat tatcaaacat gaacttgaaa 300

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atcttagagc taaagatgaa aaaatgatcc ctgggttacc tcaggcaaag ttgtatccag 360
gaaaatcatt gttgagaaga ttgctcacgt ctggcatcgt gattcagggtg tttccactgc 420
atgacagtga agccctgaag aagcttgagg acacctggta cactcgggtt gctttgaagt 480
atcagcccat agacagtatt cgtggctact ttggggaaac aattgctctg tactttggat 540
ttttggagta tttcactttt gcattaatcc ccatggctgt cattgggtta ccttactact 600
tgtttggtg ggaagactat gacaagtacg tgatctttgc ctcggttcaac ctcatctggt 660
ccacggtgat tctggaactg tggaagcgtg gctgtgccaa catgacctac aggtggggga 720
cactgctcat gaagagaaaag tttgaggagc cccggccagg atttcatggt gtcttggacc 780
tctttcctgg ttctcttttg caatacatta acagaccctt tatcaacata aacaatagta 840
actgagctat taaaggcaac ctctctgaaa aaaaaaaaaa 879

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<210> 2523
<211> 522
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (126)...(219)
<223> similar to gi339709 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2523
gaattaagag ttactccggg ccaaattggcc ggagttgtca gatctggcag cgtcttcgct 60
ggggctccag ggagctgctg ctgggggtgga agctctcaca ctctttctcc acgtgccctt 120
tccagttccc tgacatcgtg gagttctgcg aggccatggc caacgccggg aagaccgtaa 180
ttgtggctgc actggatggg accttccaga ggaaggtaag gcgtctgata caggctctgga 240
gctgggattg aggagggcaa gaggtctctg gatgggcaca gagacaccag ctctgggtga 300
ccagggtcga gccaccacag ggttacggcc gagctgctca ggccttggct gagccaaggg 360
actccatggt ctgtgcagac tgcgtgccat ctgttgccgc aggtgctttg aattggcaaa 420
gggacagagc cgggcatggt gctctggggg ttgggggaag gactaagggtc agagcaaact 480
ctcctggctt cagtacttgt gaatcagagg gtttaaaaga aa 522

```

```

<210> 2524
<211> 722
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (53)...(715)
<223> similar to gi47370 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2524
cttgtcttca tacatgtttt gttcttagag cttaaattatt gaaggcctcc catccaaggg      60
ccctatacca ccctgggtgt tggatataaa gtacctgtca ccattgttgc tggcttatga      120
agatatgatg aaagagaagg acgagctcaa tgccaccctc aaggaggaaa tgagaatggt      180
taggatgcga gccaagaag tggtgaaaga aaatgaagaa ttgcaccaag agttaaataa      240
gagtagtgct gttaccagtg aggaatggcg tcagcttcag actcaagcaa aactggtttt      300
agaggaaaac aagttgttgc tggagcagtt ggagattcag caaaggaaaag ccaaggacag      360
ccaccaggag cgcctccaag aagtttctaa gctgactaaa caactaatgc tcctggaggc      420
aaaaacccac ggccaggaaa aggagctggc ggagaacagg gaacagctgg agattttacg      480
tgccaaatgc caagaactca aaacacactc ggatggcaaa atcgcagtgg aagttcataa      540
atcaattgtg aatgaattaa aaagccaatt acagaaggaa gaagagaaaag aaagggctga      600
gatggaggag ttgatggaga agctgacagt cctgcaagcg cagaagagcc tgctgttaga      660
gaagaacagt ttgacagagc aaaacaaagc actggaagcc gaacttgaac gagcaatgta      720
tt

```

<210> 2525
 <211> 709
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (16)...(350)
 <223> similar to gi349301 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2525
 tgaattcggg ctgtccctgg gcgggacccc cacctcagag cctgcaggcc ggctcccact 60
 cctgcagccc tctgtcctgc tttcaggtgg gcctgtccac gtccccctct gtccttaact 120
 ccattagacc ttggctcacg tggacagcaa tggagttggg ggaagggccc tgaaggcagc 180
 cccaggcctg actgtgggccc tccagctaca ggcatattgtg tttgggcacc agctacccca 240
 catcccagcc ggtcatctct gggcataaac cccaccccc cagaaaggag gcttcctgtc 300
 cctcttgggc accagctcag ccaaaagcca gaaagctgct ctggagcata acctgacccc 360
 cccacggcga ggcagggcag tcttctcctg gctggcactg ctctgggtcat agaattgatc 420
 cttcatccac ctttacccca aacaagaggt gtctccctgg gtgaggacaa agtggggagg 480
 gcaacagggc tggggcttag agcccctcca ccagccatcc agggctgcct tctcagctcc 540
 tcccagcgca gcaccgggtgc cacttttagta tttagtaggc cacccccggg acctccatca 600
 ccacagtgca gaactggaag ccacaatgct ttgaatagtc gacgcctgtg cctcctggga 660
 ggtctctggg caccctgtg gagagtgagt gagaggagag tgtgttctt 709

<210> 2526
 <211> 427
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (19)...(428)
 <223> similar to gi6002669 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2526
 cccggctcga gccgggataa cttattagat aatcatcgaa gacaaaaata cctggaaaaa 60
 atatgggtta ttactgagga aatgtacgag tattccaagg tccgctcatg gggcaaacag 120
 cttctccata accaccaagc cactaatatg atagcattac tcacaggggc cttggtgact 180
 ggagtagata aaggatctaa agcaaataa tggaaacagg ctgtagtgga tgtcatggaa 240
 aagacaatgt ttctattgaa tcatattgtt gatggttctt tggatgaagg tgtggcctat 300
 ggaagctaca cagctaaatc cgtcacacag tatgtttttc tggcccagcg ccattttaat 360
 atcaacaact tggataataa ctgggttaaag atgcactttt gggttctatta tgccaccctt 420
 ttacctg 427

[illegible]

```
<220>
<221> misc_feature
<222> (14)...(642)
<223> similar to gi5901808 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters
```

```
<210> 2530
<211> 449
<212> DNA
<213> Homo sapiens
```

1490


```

<400> 2534
cagcgtgacg aggaggagcc ggacggcgctc ccagagaagg gcatgagctc gggccccagt    60
gccaggaaaag gcaaggggca gatcgagaag aggaagctgc gggagaagcg gcgctccacc    120
ggcgtggtca acatccctgc cgcagagagg taaagagttc agaagtaaga taaaagaaga    180
ccaaagacaa actacttcag ggctatttcg tgaagcagaa acagcacttc atcagggtggc    240
ttttgcggga ggaagcactg ttaatgccct taggcgtaag ggtaaatgat tcaacttact    300
taaggaaata cattttcttc taacttgaaa cattaataaac aaaaaatatc tacaaacttt    360
tactatagaa agatcaaata tggccagcac tttgggaggg tgaggtgggc agatcacctg    420
aggtcggggg ttctagacca gcctgaccaa catggagaaa cctgtctct actaaaaata    480
caaaattagc caggcgtggt ggcacatgcc tgtaatccca ggtactcaag aggctgaggg    540
aagagaatca cttgaacccg ggggacag

```

```

<210> 2535
<211> 840
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (288)...(492)
<223> similar to gi3184264 in the genepept database release 114,
      Run with FASTXY 3.3t00, default parameters

```

```

<400> 2535
ctcgtgtggt ggaattcgaa gccttcaaca tggactctgc ctactcagaa caagctgcgg    60
tgctcctgca gaggagcagg ccatcccggg gaggcacctc tgcttggggc aagtgttccc    120
tgccgaagtt taccgtcccc aaaggcagac ttggcgtgac gaggatagga gacttgtccc    180
tgcaggatat gaggaaggta ctttctctgg ccctcataga gctgaccgcg ctctgtgaca    240
tcctcgggctt ggacctgaag aggagcaagg cggggaagtg gaaagcggca gaaactcgcc    300
tctttggtgt gccccttgac agcctgctag aagctgacca caaagtcctc cccagcacac    360
aggccccgct ggtccttcaa gccctgctgt cctgtttgga aaagagagga ctggacatgg    420
aaggcattct cagggtgccc ggatcccagg ccagggtcaa ggttcatccg gaagctgccg    480
acacctttgc tcacggtgta gtacctcccg gccttcgccg tgggtgcctaa catccccaac    540
ctgaagcagc gcctgcaggt tcttcacctg ctcatcctca tcctcccaga acccaacaga    600
aatgccttaa aggcactgct ggaattcctc aggaaggtgg tggcccggga acagcacaac    660
aagatgactc tgaggaatgt ttccaccgtg atggccccta acctctttct gcaccaaggg    720
cggcccccca agctcccaa aggcaaggag aagcagctgg cagaaggggc agccgaggtg    780
gtgcagataa tgggtgcacta ccaggatctg ctgtggacgg tcgcctcttt cctggtcgcc    840

```

```

<210> 2536
<211> 428
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (11)...(427)
 <223> similar to gi2088685 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2536
 tgggtggaatt ctcgccatgg aatatgcacc aggcggcact ctggctgagt tcatccaaaa 60
 gcgctgtaat tccctgctgg aggaggagac catcctgcac ttcttcgtgc agatcctgct 120
 tgcactgcat catgtgcaca cccacctcat cctgcaccga gacctcaaga cccagaacat 180
 cctgcttgac aaacaccgca tggtcgtcaa gatcggtgat ttcggcatct ccaagatcct 240
 tagcagcaag agcaaggcct acacgggtggg gggtagccca tgctatatct cccctgagct 300
 gtgtgagggc aagccctaca accagaagag tgacatctgg gccctgggct gtgtcctcta 360
 cgagctggcc agcctcaaga gggctttcga ggctgcgaac ttgccagcac tgggtgctgaa 420
 gatcatgg 428

<210> 2537
 <211> 448
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (54)...(316)
 <223> similar to gi306782 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2537
 ttagaccagc gtggtggaat tcggagaggc tgctacagaa ggagaggctg ctggagcagg 60
 aggagaggct gcaaaggcag gaggagaggc tgaggggaaca ggaagagagg ctgtgggagc 120
 aggagcagag gctgagggag caggaggaga ggctgctgga actggagcag aaagccaagc 180
 tctgggacga gcaggcagag acacacatgc aaaccatgcg gaatgactgc accaccatca 240
 gccacatgct ctgcgagaac cagcagcttg ataagcagct gggcgagcca cagtacgact 300
 tccaggagct ggtgggttgc cccacctggg gagcctgctt tcctccctag cctccaggc 360
 ctttgtttcc ccacctgtaa aatgggcata tgtagccctc acgtgaaatg gtactttctaa 420
 aggaacctgt gagccagagc cctgctct 448

<210> 2538
 <211> 495
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (32)...(428)
 <223> similar to gil41852 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2538

cattctggtg	gaattcccga	agacagagga	ggctcgaccc	tcacccgccc	caggaccagg	60
gacccccacc	gtgacccta	ccaggacccc	ttccagaacg	gctcctggtg	ccctgaccgc	120
caaacccccg	cttgccccca	agccgggaac	cacagtggcc	tcaggagtga	ctgcacggag	180
tgcatacaga	caagtgaacg	gtgggcatgg	agctgccgca	gcaacatcag	catcagcagg	240
acaggctcct	gaggacccct	caggccctgg	cacaggcccc	tctgggactt	gtgaggctcc	300
ggtagctgtc	gtgaccgtga	ccccagctcc	ggagcctgct	gaaaactctc	aagacctggg	360
ctccacgtcc	agcctgggac	ctggcatctc	tgggcctcga	gggcaggccc	cggacacgct	420
gagttacttg	gactccgctg	agcctcatgt	ctgggacctt	ggagtccttg	gcggatgatg	480
tgagctccat	gggct					495

<210> 2539
 <211> 635
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (518)...(637)
 <223> similar to gi3212997 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2539

tgaagacccc	tgaacagcgt	ggtggaattc	tttatggata	cttgtctctc	aggggcaatt	60
aggtggaaca	tgcgtgacca	gcttttacac	atgaggaaat	ggaggctcac	agaggcagaa	120
tactaagca	actcccctta	aagtcaccca	cccagggtga	gctggaattt	gagcctaagc	180
agccaggctg	ccctgggcag	cggtgggtga	cagggtggca	gagagcaggt	ttttgtctgt	240
ctgggtctta	ccccttttagc	cccatagtca	ggcagggtga	ctcgtgaagc	tgtgggcagc	300
tttatcctct	gaggcggtgg	gtctcaagtg	tccagctcac	ctggcactca	gctgtggggc	360
tcgtgactgc	agcttaggac	tagaccctca	tccttcctgg	ggtcagtgtt	tagtggccaa	420
ggctggggga	tgctgaggaa	gactgggggc	ccaggctggg	aggcagaagg	ggaaggctct	480
tcttcttggt	gtccacttgc	ctgtgtcact	gccccctgcag	gtggtggagt	tgcccgtgac	540
agagcgccag	attgagcgcg	aacacctcat	tcagctgcgg	cgctggcagg	agacccgggg	600
tgagctgcag	tgccgctccc	cgcccaggct	gcatg			635

<210> 2540
 <211> 1267

<212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (414)...(694)
 <223> similar to gi1871531 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2540

aagcgcggtg	gaattcgtct	ctggctcaac	tcagtgggat	cattagactc	atgtcttaca	60
gcctgggtgac	atttccatgc	tttaagccgg	agtgggtctgt	tcagtgacca	cagtactgca	120
acacctgccca	accagtgtct	gaaaatagtg	gctcatgtat	tttgtccagt	ttctagttgc	180
ttacagtggg	agggtatcct	ggactgtatt	tcccctgcat	ggtcagcagc	gcacctccat	240
tgagtctgca	tgtgtttaat	ctgatggctc	tgttggctgg	cgtctgttat	aggttataag	300
tatagctgcc	tgtgcttcca	ccacgagcac	ctgggggtgc	ttgtggcatg	attgagctag	360
ctctgaagct	gactccctct	tctcactccc	tgccttttct	cccttacctt	ttgcagaaaa	420
ggggtgagcg	gtactgggcc	caggagcagg	agccactgca	gactgggctt	ttctgcatca	480
ctctgataaa	ggagaagtgg	ctgaatgagg	acatcatgct	caggaccctc	aaggtcacat	540
tccagaagga	gtcccgttct	gtgtaccagc	tacagtatat	gtcctggcca	gaccgtgggg	600
tccccagcag	tcctgaccac	atgctcgcca	tgggtggagga	agcccgtcgc	ctccagggat	660
ctggccctga	accctctgt	gtccactgca	ggttttggaa	atgggcttca	ggagggctctg	720
gtgaggcaga	ggggacagag	catggagggg	agtacagggc	atggggctag	tcttgtagtc	780
tgagtgccta	ttttgagaac	ccttgctcac	cctccatgga	ctgtaattgt	gagcacttgt	840
tcagcacaga	ctcagctggg	gaataagcac	acagctcttg	ctcaacaaaa	tgtaagtgat	900
taaaaaggtt	ttccttgttc	agatataatc	tgaagattct	gggaatcaag	aggctctgca	960
ggggatccat	caggaccctc	acccccatcc	ccaaatgccc	catctaaaag	gggttggtgg	1020
caggacctga	ccaggcacac	tctgattctc	ttgtcagtg	gggttggtgg	cgaacaggcg	1080
tcctgtgcac	cgtggattat	gtgaggcagc	tgctcctgac	ccaggtagca	tacaggcatc	1140
ctgtgtgtgc	agtgtgctgc	ccatgaccac	gtgtcctgct	caagtgcctt	gtctgtctgc	1200
cccagatgat	cccacctgac	tttcagtctc	tttcatgtgg	tccttaagat	gagggaagca	1260
gcggcct						1267

<210> 2541
 <211> 647
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (15)...(650)
 <223> similar to gi5441615 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2541

tcgcgaattc	cagatgcact	aaatgtgaga	aggtctgcaa	tcggcattca	tcctttattc	60
aacatcagaa	agttcataca	aagaaaaaga	aactatttga	gtgtaaggaa	tgtgggaaga	120

tggttttctgg aactgcaaac cttaaaatac atcagaatat tcattctgaa gagaaacctt 180
 tcaaattgcaa taaatgtagt aaagttttcg gccgccaatc atttcttatt gaacatcaaa 240
 gaattcatac tggagaaaaa ccctaccagt gtgaggaatg tggaaaagcc ttcagccacc 300
 gaatatctct cacacgacat aagagaattc atactgaaga tagaccctat gaatgtgatc 360
 agtgtgggaa ggccttcagc cagagtgcac acctcgccca acatgaaaga attcactg 420
 gagagaagcc atatacatgc aaaacatgtg gtaaggcctt tagtcagcgc acatctctta 480
 ttctacatga aagaagtcac actggagaga aaccctatga atgtaatgaa tgtgggaagg 540
 catttagcag tggctcagac cttattcgac atcagagaag tcattcttca gagaaaccct 600
 atgaatgtag taaatgtggg aaggcatata gtcggagtcc atccctg 647

<210> 2542
 <211> 746
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (213)...(743)
 <223> similar to gi2443331 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

<400> 2542
 cgagtgcgct ggaattccaa gatgggaggg cgagggggcc ataccgggtg gtcgggggtg 60
 gcctgaagg gctatgacca gctgctgccc tggctactgc ctttgtggct tctaccggtc 120
 tgggcctgct cccagaagg ctgtacactg ggaggagctg ccaggagggt gtgcctggtg 180
 tctggcctga cctctgagtg ctgcgggtcc ccaggatgcg ggaagtggag ctgggctggg 240
 ggaagggtgt gctggtgaag gacaatgggg agttccacgc cctgggccat aagtgtccgc 300
 actacggcgc acccctgggt aaaggcgttc tgtcccgtgg tcgggtgctg tgccctggc 360
 acggcgctg cttcaacatc agcactgggg acctggagga cttccctggc ctggacagtc 420
 tacacaagtt ccagtggaag attgagaagg agaagggtgta cgcccgggcc agcaagcagg 480
 ccctacagct gcagcgaagg accaaggtga tggccaagt tatctctcca agtgctgggt 540
 acagcagtag caccaatgtg ctcattgtgg gtgcaggtgc agctggcctg gtgtgtgcag 600
 agacactgcg gcaggagggc ttctccgacc ggatcgctct gtgcacgcta gaccggcacc 660
 ttccctacga ccgtcccaag ctcagcaagt ccctggacac acagcctgag cagctggccc 720
 tgaggcccaa ggagtttttc cgagcc 746

<210> 2543
 <211> 1221
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc feature
 <222> (250)...(754)
 <223> similar to gi632549 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

```

<400> 2543
gggtggaatt cgggcagcct ggcctgggt accgaggctg ctgcgcggcg gacagcgggc 60
gcgatgtatc tccgcagggc ggtctccaag actctggcg tgccgctgag ggcgcccccc 120
aaccgccgcg cgctcggaaa ggacgcatct ctgcgcggga tgcatctaa cagattccct 180
ggatcatctg gatcaaatat gatttattat ctggtttagt gcgtcacagt cagtgtcgtt 240
ggatattatg cttacaagac agtcacatca gaccaagcca aacacacaga acataaaaca 300
aatgtgaaag aaaaaacaaa agcagagata catccatttc aaggtgaaaa ggagaatgtt 360
gcggaaactg agaaagcaag ttcagaagcc ccagaagaac ttatagtgga agctgaggtg 420
gtagatgctg aagaaaagtcc cagtgtctaca gttgtggtca taaaagaggc atctgcctgt 480
ccaggtcacg tggaggctgc tccggagacc acagcagtca gtgctgaaac cgggccagag 540
gtcacagatg cagcggcgag ggaaaccacg gaagtaaacc ctgaaacaac cccagagggt 600
acaaatgctg ccctggatga agctgtcacc atcgataatg ataaagatac aacaaagaac 660
gaaacctctg atgaatatgc tgaactagaa gaagaaaatt ctccagctga gtcagagtcc 720
tctgctggag atgatttaca ggaggaagcc agtgttggct ctgaggctgc ttcggctcaa 780
ggctaattct cagccggtag acatttcagc aacaaatgcc atagggtgtc tgataagtgc 840
ttttgtgttt ttagtacct tagtttaaaa aaaaaagac ttattttcta gaaaacgta 900
atgggtcttg aagatttttg gcatccactg atagatttta ggactgagag acttgagatt 960
gtacatttct tactactctt ctactgtctg agatcagaat atgacattgc agtaagagc 1020
ttaaatagtt tcactcttgg ttttttttcc tagacacttt tcttttatcc cagtcatctc 1080
tgaatttaca ttttatatta aagaaattga gctatccata caacctgtat ttactttaat 1140
ttcactactg tttcagctta ctttattgta tgatatgtag gtctaaaata tagtttgagt 1200
caaataaaat tagaaactgc t 1221

```

```

<210> 2544
<211> 427
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (16)...(215)
<223> similar to gil002425 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters

```

```

<400> 2544
gtccagtgtg gtggaattca ccagggtgtcc ggggcagtgg tagtatcttg gctgctgcag 60
ggcatgatgg ggctgctggg gaggctccggc cacgtgttcc cccactgtgg gccctggtg 120
ctggctccca gcctggttgt ggcagggtc tctgccaca gggaggtagc ccagttctgc 180
ttcacacact gggggttggc cttgctgtac gtgagtcctg agaggcgtgg gatggtgccc 240
agtgggggtg tatgggggga ctaggggagg gcagaactgc tggtcctatc agattcagca 300
gcgactggaa tagggacata ttttatattt ggaatccaag acttttcctt gattcatctg 360
gtctccttga atttcacact gttttctgct gtcccccagg gtcacttcct attccttcca 420
tgggagt 427

```

<210> 2545
 <211> 1439
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (9)...(584)
 <223> similar to gi2746788 in the genepept database release 114,
 Run with FASTXY 3.3t00, default parameters

0048725"01.21.00

<400> 2545
 tgaattcctc aggggtgaag ctcttcgagg cacttggcct tagtcctggg aatgggaaag 60
 atcacagcat tctgcattca aggaatgac tggaagaagc cttcattcac ttcattggga 120
 agggagcagc tgctgagcgc ttcttcagtg ataaggaaac ttttcacgac attgcccagg 180
 ttgcgtcaga gtcccaggga gcccagcact atgtaggagg aaatgcagct ttaattggac 240
 agaaatttgc agccaactca aatgtctttg ttccaccaga gtcattgcag gaagtggatg 300
 tacatgagct tcttgatgac tatcaagcag gggaggagtg gggccagtta aaagctcccc 360
 agttccacct attcatcttc tctcacgacc tctccaacgg ggccatgaat atgctggagg 420
 atgccaaccg tagcctggag gagtttcagc cagacctggg ggtcctttct ggattgcaca 480
 tgattggagg acaaagcaag gagctccaga ggaagagact cttggaggta tcttggcatc 540
 tgatggaggg cacagatctc agctggtggt ttcttcagg ttccagcctc catccttgcc 600
 tacagaattt ttctctgttg tcttgctctc gtcacttctt gaagaaatca gtgtattttc 660
 tgctgccttg gcctgtttat ttttgctctc agttaggctg tggttcctag tatttttccc 720
 ttgcagaaga gctctgttg tcttgctctc tggagaatgt ggggttcata cccatatttt 780
 aatacagtgt ggctccttc tcttgctctc tggagaatgt ggggttcata cccatatttt 840
 attcaagggt gtcttggttg atttgcaaaa tggttctcta ttgcttggt cttttgttaa 900
 atcgtagaga ggcatttag gtcacagcag catgatgcag aaggaaatcg acagaggatg 960
 ttgttgatcat tggctatatg ccagacacag ctgccagaga tagaacttg gaaaagtaa 1020
 ttcatccca tgccctcagc ctcacgcctg taatcccagc actttgggag gctaaggcag 1080
 acacaggccc ggcatggtg agtttaagac cagcctggcc acctggtga aactccgtct 1140
 ttgcaggccg tgaggtcagg agccaggcgt ggtggcgggt acctgtaatc ccagctactc 1200
 gcagatcacc tacaaaaatt tcgcttgaa ctgggaggca gaggttgca tgagctgagg 1260
 ctactgaaaa ggcaggagaa ctgggcaaca gagtgaact ccatctcaga aaaaaaaa 1320
 gggaggctga gcgctccaac ctgggcaaca gagtgaact ccatctcaga aaaaaaaa 1380
 tcgcgccatt gcgctccaac ctgggcaaca gagtgaact ccatctcaga aaaaaaaa 1439

<210> 2546
 <211> 354
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (3)...(279)
 <223> similar to gi4235228 in the genepept database release 11
 Run with FASTXY 3.3t00, default parameters

<400> 2546	60
cagaaatggc aaggaggaac agagccaaga tgggcatg	120
acgtgaagca ggtccagaca ggccacaagc ccagcaca	180
aactatttga ggaccagctg gcccttgaac acttagat	240
gcaaaactgct ggaattgcag acatttgga ccaacaac	300
tgaaactgaa gtctataaaa gcagatgatg aagtaaga	354
ttagcaaggt tttgggacat accttagggt gcctgtgg	

```
<210> 2547
<211> 1061
<212> DNA
<213> Homo sapiens
```

```
<222> (10) ... (1061)
<223> n = a,t,c
<220>
<221> misc_feature
<222> (10) ... (1061)
<223> similar to gi3955096 in the genepept database release 114,
Run with FASTXY 3.3t00, default parameters
```

Run with

<400> 2547

cggtggtgga	ttcatgagag	acgcttgctc	tcccagaaga	cagacaatga	gatttggaa	60
accttcttc	acgggcgcta	tctgaccta	cttatgggca	tcttctccat	ctacacgggt	120
ttgatctaca	atgactgctt	ctccaagtcc	ttgaacatct	ttggctcttc	ttggagtgtc	180
caaccatgt	tcagaaacgg	cacatggaat	actcatgtaa	tggaggaaag	tctatatctg	240
cagctggacc	cagccatacc	aggagtgtat	tttgaaatc	cataccggtt	tgggattgat	300
cggatttgg	acttggtctc	aaacaaactc	acatttctga	actcgtataa	aatgaagatg	360
tccgtgatcc	tgggaattgt	ccagatggtt	tttggtgtca	tccctcagcct	tttcaatcac	420
atataactta	gaagaactct	caacatcatt	ctgcaattta	tccctgagat	gatttttatt	480
ctgtgtctgt	ttggatacct	ggttttcatt	atcattttca	aatgggtgctg	ctttgacgtc	540
cacgtatctc	agcacgcccc	cagatcctc	atccacttca	tcaacatggt	tctgtttaac	600
tacagtgact	cttccaacgc	accctctac	aaacatcagc	aagaagtgca	aagtttcttt	660
gtggttatgg	ctttgatctc	tgtgccgtgg	atgcttctga	ttaagccgtt	tattctttag	720
gccagtcac	ggaaatccca	gctgcaggca	tccaggatcc	aagaagatgc	cactgagaac	780
attgaagtg	atagctccag	cccttctagc	cgttctggcc	agaggacttc	tgcatatacc	840
caccgggctc	tggacgacca	cggagaagag	ttcaactttg	gagacgtctt	gtgccacca	900
gccatccaca	ccatcgagta	ctgcctgggc	tgcatttcaa	acacagcctc	ctacctgagg	960
ctctggggcc	tcagctgggc	tcatgcacaa	ctgtctgaag	tgctctggac	tatggtgatg	1020
aacagcggcc	ttcagacgcg	aggctgngga	ggaatcgctg	g		1061